

2011

POETRY

ALTERNATIVE
MEDICAL
PRACTICES

KDV IATI ONS

O.R.M.F.!

Interview
w/ R. STEVIE!
MOORE.

SUMMER

FREE

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KDVS' normal business hours are Monday thru Friday 9am to 5pm. We welcome everyone down into our underground haven, with open arms. For station tours or record donations please call ahead: (530) 752-0728.

**KDVS | 14 Lower Freeborn Hall
 University of California, Davis
 Davis, CA 95616**

Lobby: 752-0725
 Requests: 752-2777
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 Music Desk: 752-9903

The Perseverance of the Community

Thank you.

Thank you for listening, reading, donating, watching, playing, making, and participating in this great resource we all work together to keep alive. It's been almost three years since I started volunteering at KDVS and almost 10 years since I started listening to KDVS. Even though we did not yet meet our fundraiser week goal of \$60,000, I consider this last fundraiser to be a staggering success given the economic difficulties we're all dealing with in this state. KDVS will continue. We'll cut corners as we always do but falling short of our goal means that a few exciting projects must be pushed back yet again and we'll have to try keeping our turntables together with duct tape.

But above all else the most rewarding and inspiring aspect of the work I've been a part of these last three years is the opportunity I've had to meet such dedicated and innovative individuals. The very reason I was attracted to UC Davis to begin with was the hard-working community here in the Sacramento Valley. More and more I am reminded that the work at KDVS is not done just by the few directors, bookers, and managers at the station whose names you see on the list of staff, but the vast number of show-goers, musicians, content creators, and volunteers in the community. Everyone does their part, including you, and for that I am grateful.

I'm looking forward to my last year at KDVS and year as General Manager as I will be graduating in June. I want to hear your ideas, I want to get your feedback, and most of all I want to help you make this community even stronger. Against all odds we've been able to turn Davis and the surrounding area into a cultural hub that reaches around the world. One tenth of the visits to our website come from outside of the United States and one fifth of the visits inside the United States come from outside California and over half of those come from outside the Sacramento Valley.

Thanks to you and our staff for a wonderful year and I want to thank you in advance for another wonderful year coming up. So little of that success stems from my work, but from the efforts of everyone else here at 90.3 fm in 14 Lower Freeborn, Davis.

Sincerely,

Neil Ruud
General Manager
KDVS 90.3 FM
gm@kdvs.org



Just a few of the many attractive KDVIateS



RECORDINGS

90.3 FM 14 LOWER FREEBORNS
DAVIS, CA 95616 530.754.6029

KDVS-R just put out its ninth release; a new cassette from local artist ALAK!

ALAK is the moniker for Placerville, CA based artist and musician Jocelyn Jade Noir. Largely inspired by the environment in which she grew up, Jocelyn writes songs in a surreal but accessible way about dream imagery, the inadvertent loss of physical and spiritual control and the mysteries of all things natural. **GRØUPS** is the amalgamation of all of this in one experimental folk-influenced pop cassette. Beat-driven electronics decompose into melancholy acoustic guitar and reconstruct back into poppy jams questioning how this could only be **ALAK's** first official full length release.

The current band lineup includes: Jeannie Masterflash, Kali Williams, and Justin Haney on drums. **ALAK** will be touring the U.S. through August and September as a solo act via her ****~TRADITION TOUR~**** with KDVS-R artist Pregnant. Head to www.alakshrine.com for exact dates.



KDVS Recordings was founded in 2006 and is one of the only non-profit, college radio run record labels in the country. With our ninth release we continue the mission of the label and the radio station to expose our community to a rich and deep 'underground' music scene.

Check out our brand new website where you can purchase all of our releases: recordings.kdvs.org and keep a look out for two compilation releases of local hip-hop and folk artists coming from us the near future and a **CASSETTE OF THE MONTH SUBSCRIPTION CLUB** starting in September!

THE RAILROAD FENCE

DAVID D. YOUNG

On 1 Monday in April I walked my usual route to work which started by opening a gate & passing the folks waiting for the 6:30a.m. Capitol Corridor Train at the Amtrak station as I crossed the tracks which leads to the beginning of 2nd St. at H St. & then proceeded west on 2nd St. which at A St. stops at the campus & then walked the rest of the way to the Silo past the Quad & Library. I took the 11:10a.m. A-Ltd. Unitrans bus & took it back to the Amtrak station & lo & behold a much taller metal fence had been attached to the front of the gate so I couldn't access it. I felt as if something akin to the Berlin Wall or the wall separating Mexico from the United States was in front of where I live, Slatter's Court. Now, I would have to find another place to cross the tracks because the Richards Blvd. bicycle underpass seems too dangerous for me, as a pedestrian, to navigate. I had heard that Union Pacific had wanted to build a wall which went all the way from the Richards Blvd. eastward to the Olive Dr. exit on I-80 going west from Sacramento. That's 1 huge "Berlin Wall". Anyone who's alert & listening & looking can perceive when a freight train or Amtrak train is coming & thus are able to cross the tracks. There's a slab of concrete visible to people waiting for Amtrak that used to be part of the crossing from the station to Slatter's Court. That same Monday evening I wrote "This Is Not A Prison Camp" on a poster that I intended to put on the railroad side of this fence. I was sitting on the same concrete slab mentioned earlier getting my poster ready to put on the fence when

a Union Pacific policeman accosted me & I told him that I lived in Slatter's Court & that I had been crossing that same way every single day since April 1997, when I moved into my "Cabin" which is the 1 converted garage/residence there. He took my picture & didn't give me a ticket & told me that the railroad is Union Pacific's property & doesn't belong to the city of Davis. So I didn't get my poster up. Since then I have had to go all kinds of indirect routes as a pedestrian & the places where I do cross the tracks are more difficult & dangerous to cross. There has been a proposed pedestrian overpass & these issues are being discussed at the Davis City Council. I feel residents of Olive Dr. are being ghettoized & marginalized by these walls that are in front of both Slatter's Court & Davis Mobile Estates. Throughout the entire time I have lived here in Davis the railroad tracks & adjacent areas are the best places to get away from the crowdedness of a really busy downtown Davis day.

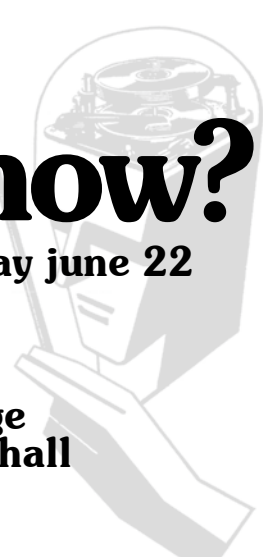


want to host your own radio show?

**come to a
new volunteer meeting
to find out how!**

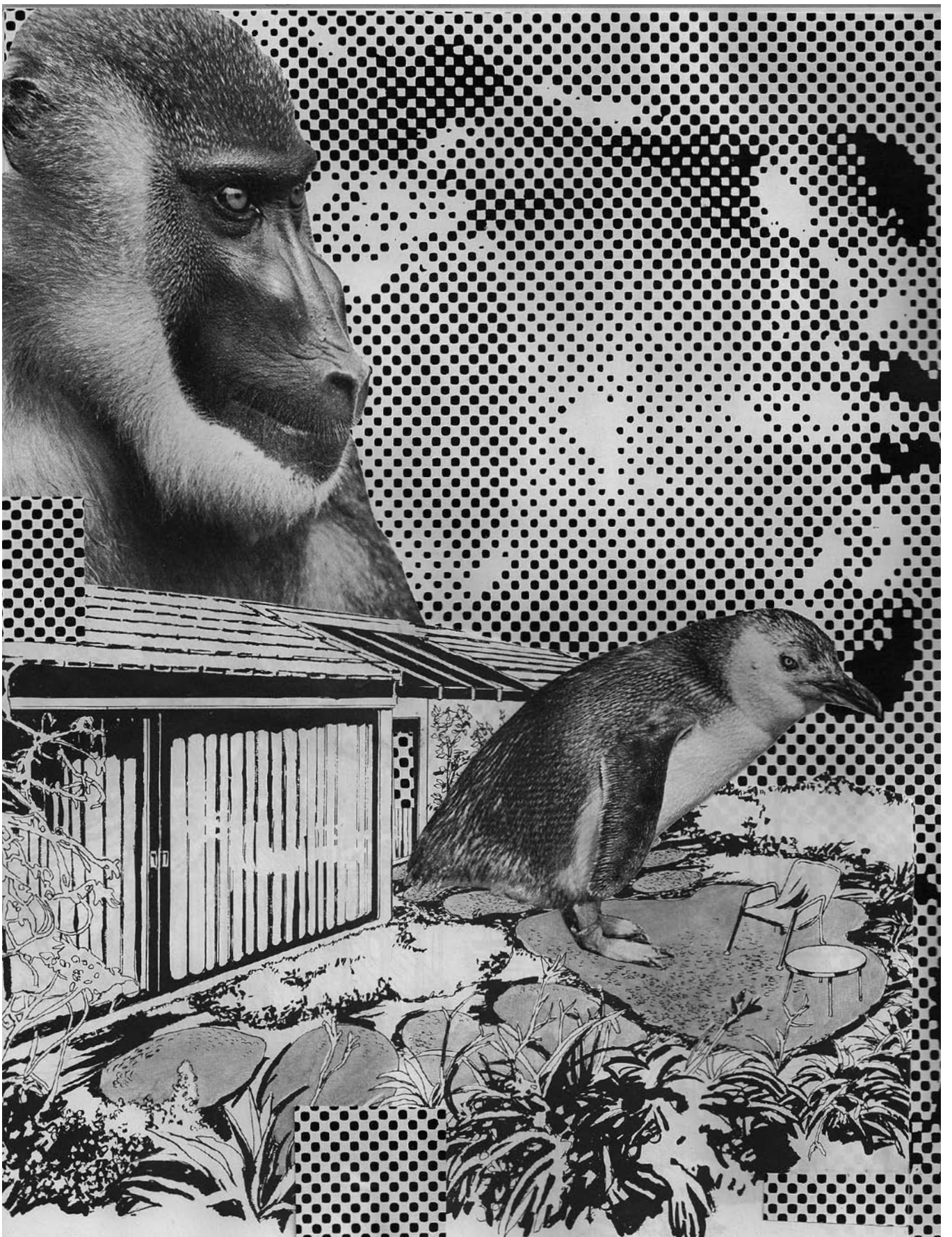
**fall: wednesday september 28
and
thursday september 29
at 7:00pm
in wellman 106**

**summer: wednesday june 22
and
thursday june 23
at 6:00pm
in the KDVS lounge
14 lower freeborn hall**





David D. Young, Pictures of Amtrak
Station and surrounding area



Operation: Restore Maximum Freedom XI



Photo: Ramon Solis

No Bunny



Photo: Michelle Haas

R. Stevie Moore



Photo: Alex Surber

Alak



Photo: Michelle Haas

Ellie Fortune



Charles Albright

Photo: Chris Morrison



UCD Samba School

Photo: Amir Moraefi



Gäärth

Photo: Michelle Haas



Kites Sail High

Photo: Chris Morrison



Appetite

Photo: Amir Moraefi



Moon Pearl

Photo: Sharmi Basu



R. Stevie Moore sits down for a chat with KDVS DJ Simi....

R. Stevie Moore: Check... still connected... still connected... Franz Ferdinand... check... level... input level... input source level... import... level...

Simi: Hey can you hear me?

Yep.

Hey how's it going man?

Good.

Cool.

Franz Ferdinand...

Right.

Are you taking requests?

Yeah!

Do you have any Frank Fontaine? Fiery Furnaces?

I'm sure we have that stuff.

Franz Ferdinand... Foo Fighters... whatever you truly desire...

Okay, I can look for that and I can try to play it after the interview... or you want me to play some of that right now?

I don't do interviews. You have any Franz Ferdinand? Fiery Furnaces?

Fiery Furnaces.

There's another "FF" group that I can't place... you remember? There's Fiery Furnaces...

Fiery Furnaces, we have Foo Fighters, Franz Ferdinand...

Theres another one, really popular... so I wanted to ask you, when did you start your bedroom pop recording?

Ummm... I started in... are you asking R. Stevie Moore or are you asking Simi?

Is he there?

Yeah he's right here.

Freeform radio... I'm playing at the Maximum Restore Freedom Festival.

Right, this Saturday.

If I show up.

Mhmm... are you planning on maybe not showing up?

I don't plan anything.

Oh okay.

Franz Ferdinand... Fiery Furnaces... so any way I hear that you have a new album out.

Yeah, do you remember when that one came out? It's escaping me right now...

It's an FF label... Fast Forward... Ariel Pink... whatever you truly desire... so how are you doing tonight Simi?

Pretty good, man. How are you?

I'm way out in Tennessee.

Are you in Tennessee right now?

It's another planet, yep.

When are you heading into Davis?

Not until Saturday but I'm taking a plane early in the morning.

When are you gonna arrive over here? You're going straight to the festival?

I don't know what I'm doing.

It starts at 2 but I imagine you're playing last so you'll have some time to get over there.

Yeah. Really psyched. Haven't been to California in many many years, hardly at all... well I've never been to Northern California. I've only been to Los Angeles twice in my life.

How long ago was that one?

Once when I was a little kid on a family vacay, by car... it must be early 60's. And then I also flew out to meet my father who was playing at the Palamino Club in West Hollywood backing Jerry Lee Louis. And that was '84.

Wow so it's been a while.

Yeah and I've never been to NorCal at all.

I like it. I think you'll like it.

You're from there?

Yeah, well I was born in Canada but I moved over here when I was real young so I've been here most of my life... still dig it.

So this is a college radio station, Davis?

Yep college and community.

Very cool.

You don't have to be a student but most of us are.

I was loving the weird stuff I was hearing.

Thanks! I read somewhere that you were doing stuff with WFMU, were you a dj there?

Yes I was... forever ago, late 70's through the 80's.

What kind of stuff did you play?

Everything, back to back. And you don't hear a lot of that even though they're still doing really well. They've remained with their integrity intact and it's totally freeform but there is a lot of block programming too... but that's what my music's like. And that's what I've been talking about in all my interviews lately about this campaign I'm on of diversity and variety and none of this stupid tunnelvision that everybody gets caught up in.. You've got to let your mind wander. I mean, my own music's like that and the music that I like to listen to is like that. Every style and I put them back to back. It's brilliant to hear country and then jazz and then heavy metal and then punk and then spoken word and then symphony orchestra. It's great, that's how I like to listen to music. Since I was a little boy.

Yeah exactly. I think most KDVS listeners should hopefully be like that too since we have, for example, a metal show and then a country show and then whatever. Some of our DJs have pretty eclectic shows too that just kind of wander between genres, song to song, like you're mentioning.

Yeah, but I mean a lot of block programming won't do that. It's one thing to hear three hours of heavy metal followed by a bluegrass show, but the

joy is in mixing it all up in the same blender and listening to song after song after song instead of block programming. I hate that. And that happens to a lot of freeform radio stations. You'll have radio shows that are almost like a train wreck... you don't know what's going to happen, which makes it a work of art. This isn't just playing records, man, you know that. I've been really on this campaign for a long time... especially lately because now suddenly there's interest in my music after 40 years.

Yeah... it's taken a while but it's happening.

It's really a strange story, man. I can't keep up with all the interview requests. I just love it.

Was there a big lull or is it just all of the sudden picking up?

My whole life has been a big lull. It's having a high anticipation and ambition and hope for some success but it's always been underground and it's a big struggle. Now I'm on the road playing the rock and roll game. It's so weird. I got a new band together... I have a new record coming out... I'm relocating. I'm from Tennessee but I lived up in New Jersey and New York for thirty years and now I just came back to my home town and suddenly my global career has taken off and I'm having to tour and do press and I'm taking over the internet totally.

Yeah that's awesome.

And I have this huge back catalog that everybody knows about. I'm having to compete with this week's model of indie bands who are still putting out their first record. I'm dealing with Ariel Pink a lot. We're like soul brothers and it's just incredible what's happening there... he's exploded.

Yeah definitely. Just with the last album on... what is it 4AD?

Right. But I've known him for 10 or 11 years and it's just been incredible. And now he's trying to give me some payback and I'm giving him payback. We're hoping to do a duo record later in the summer.

Whoa!

But I'm doing a lot of traveling and I never travel. I'm the guy that likes to stay home. The bedroom hermit.

But you're having fun so far, being on the road?

Well yeah, I haven't even started the depth of it yet. I've been dabbling with gigs. I've been playing in New York some and now I'm coming out to California just for 3 days. Then I'm coming right back home here and then June and July I'm going to France... I'm going to Prague... I'm going to Berlin..

This is unprecedented for this old boy. I haven't had much of the rock and roll thing... the game of having to hype and play live and sign with a record company. I've been the total outcast, from his bedroom. 400 releases, 100's of youtube.

I've seen that number thrown around. Is that really accurate? Is it upwards of 400?

I've been recording with tape recorders since the late 60's so my concept is nothing like everybody else. To have 400 albums makes perfect sense when you know that I constantly have the

recording machine going. And you know it's not just all rock and roll records with 12 songs... with guitar, bass, and drums. I do a little bit of everything and I always have. And there's no outtakes and I've been doing it for decades and now I'm all over the internet with the bandcamp and itunes and I'm just trying to figure out the commerce of it all. But the 400 is definitely realistic because I've been doing it for 45 years, you know?

It seemed like you were hesitant to start with the Myspace... I don't know how much promotion you do on Facebook or otherwise online besides the rsteviemoore.com, but you're pretty much embracing it now and it's working for you?

Yeah. And yet it's also a big time-suck and everybody's making a joke about how they're addicted to Facebook. And that's what happens to me but I'm using it in the perfect way because it's all about self-promotion and raising awareness. It becomes my own blog, so to speak.

Yeah it is great for that. And I don't think it's a joke about people being obsessed with Facebook... I think some people don't leave their computers for hours a day but it's not to do anything constructive like you're doing, which is good at least. Getting your music out there.

But you still get kind of caught up in the whole thing with chatting and wasting time and the whole thing about 'everybody's a star'... about how many friends can you get and then they go and find a great YouTube video of a great rock and roll band that they like and they share it. That's great but it's also like, big deal, anybody can go to YouTube and find great music. The whole mentality of 'share'... even that is a double-edged sword. That's what I do, I'm generous and I'm constantly trying to share. And we all kind of do that. We want to impress our friends or we want new friends. It's generosity of wanting to share. And sometimes even that gets out of hand, where you're thinking, 'stop already, I don't need you to share with me, thanks anyway'.

I think when people get tired of hearing that, there's ways to block it but sharing your music is a pretty noble way to be using Facebook, I think. Just in my 'news feed' of all of my friends I've been seeing R. Stevie Moore videos flooding... if it's not the latest Facebook spam it's been R. Stevie Moore videos. I think you playing these shows and sparking interest has been spreading kind of like wildfire over the internet.

Yeah I'm glad it has. It's fantastic. And I can't wait to meet you but I have to cut this short. We could talk forever but I have to go do some other stuff. Play the tunes and come see the band and who knows, I'll be back!

We look forward to seeing you on Saturday then.

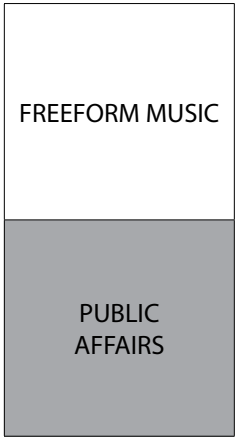
Fantastic.

Byebye.

Have a safe flight.
Byebye.

KDVS 90.3 FM Summer Schedule

Stream Live or
Archived Shows
at KDVS.org!



“Don’t judge
a man until
you’ve walked
two moons in
his moccasins”

-<http://www.siphawaii.com/>

	Sunday	Monday	Tuesday
midnight	Punk Roge & M. Riots “Neonate (Fighting for a Future)”	Springy “Sweet Sixteen”	Theo & Quill “The Creaking Hinge” -alternates with- China “Underrated & Underplayed”
2			
3	Goat-Man “Now It’s Dark”		
4	Summer Session 1 Dr. Gonzo “Jazz and Pancakes” summer session 2 KayVee & Anaphylactic Shock “The Living Dead at Davis”	DJ Leafless “Synchrogalactic”	summer session 1 Jaguar Shark “Shark Hour” summer session 2 DJ Champ & DJ Nance “A Face for Radio”
6			
	Bobby H. “Songs of Praise Gospel Program”	Annelytic “Boomerinque”	Hot Tamale “Affair Affairs” -alternates with- Salokin Regnildron “Experiments in Juxtaposition”
8			
½		Al Jazeera English Radio News	Al Jazeera English Radio News
9	Bernard Benson “In Focus/Perspective”	Ricardo Lezama “Hablando Sobre Nosotros”	Justin Jackson & Kirstin Sanford “This Week in Science”
½			
10	Gary B. Goode “Island Radio Cafe a Go Go” -alternates with- Mindy “Cross-Cultural Currents”	DJ Ricky “Noticiero y Cultura de la Comunidad”	Neutron & Reil Nuud “Physiicss”
noon			
1	Papa Wheelie “Radio Wadada”	“Democracy Now”	“Democracy Now”
2		Emilio “Now You’re Talkin’ My Language”	Lady Kay “Triplofonic Sounds of the Hacienda Sunrise”
½			
3	Myk Blauuw & Miss Special “#WordtoWoodrow”		Todd “Hometown Atrocities” -alternates with- Chris Killamanojaro “lectronic mail”
4		DJ Mucky “Bear is Driving Car!”	
½			
5	Justin Desmangles “New Day Jazz”	“Free Speech Radio News”	“Free Speech Radio News”
6		“Local Dirt”	George “Sounds of Africa”
7	DJ Don Sequitur “Hammer Down Sub-Atomic Pound”	Gwendolyn & Ginger Snap “Calling All Girls”	Mick Pinn “KDVS Radio Theatre”
½		Elisa Rocket - “Phoning It In”	Ben Taylor “Aggie Talk”
8			
9	BJ & JD Esquire & Mario “The Front Porch Blues Show”	Michael Leahy & Maggie Cat “One on One”	Klinger “Hermit Tunes”
10			Mr. Mick Mucus “The Chicken Years”
11	Tim Matranga “Kicksville 29BC”	DJ Rick “Art For Spastics”	Scott Soriano “The Rebel Kind”

Wednesday	Thursday	Friday	Saturday
Terra Belle & Le Bon Bon “Masterpiece BBQ Theatre”	Robin Redbreast “He Hates Music, He Loves Noise”	Mr. Twilight & The Valley Boy “Planet of the Tapes”	Scarecrow & Blasphemer “Raise the Dead”
DJ Lesson 23 “The Equalizer”	Admiral Snackbar & Barnabas Sackette “Chump”	-Summer Session 1- DJ Champ & DJ Marz “Galactic Planet” -Summer Session 1- DJ Odd Job “The Corner”	Malefactor “Unspeakable Cults”
KUSF in Exile	Dirty Girl Scout “Daylight Savings”	Philip Fray “The Udder Side of Sac”	Big Dave “Buried Alive in the Blues”
Al Jazeera English Radio News	Al Jazeera English Radio News	Al Jazeera English Radio News	
Phillip Wister MFT & Dr. Art Magana “Psychnation”	Chris Thielan “An American Atheist”	“Planetary Radio”	
		Radioactive Gavin “Making Waves”	Robin Fawx & Bill Wagman “The Saturday Morning Folk Show”
Yanapolis “Sovereignty Sound”	Linda “Vocation Conversation”	Mr. Glass “Good Good”	
	Linda “Ee Klek Tik”		
“Democracy Now”	“Democracy Now”	“Democracy Now”	DJ Markuss “The Prog Rock Palace”
Shiva “I am a Toucan”	Callisto “B-Side Breaks”	“Live Acoustic Acts”	Rob “Liminal Space” -alternates with- Ed “Cactus Corners”
Flower Vato “Tripping with the Flower Vato”	Tatari “Aural Fixations”	The Color Technic “Souls for Sale”	Gil Medevoy “Crossing Continents”
“Free Speech Radio News”	“Free Speech Radio News”	“Free Speech Radio News”	
Dr. Andy “Dr. Andy’s Poetry & Technology Hour”	Douglas Everett “Radio Parallax”	Richard Estes & Ron Glick “Speaking in Tongues”	
DJ Tangosaurus Rex “Cool & Deadly”	Howard “Mystery Surprise”	DJ Maestro “Maestro’s Musical Menagerie”	Mr. Frankly “Air Show” -alternates with- Jeffrey “Today’s Aberration Tomorrow’s Fashion”
	Simi “Esotericism and the Occult in the Western World”		
The D. Elkan “21st Century Schizophrenia”	Boris, Natasha & Big Sister “USSR Radio Sputnik”	Miss Dot & Zack “Racketeering”	David D. Young “Upper Realm Shrieks: Music & Words”
Calamity Janie & Anne Halo “Revenge of the Handlebar Moustache”	Fuzzbox Flynn “Loves and Disloves”	The Pirate & Blasphemer “1000 Points of Fright”	Joe Frank
	Fenris “Live in Studio A”		

Sunday

12:00am

Punk Roge & M. Riots
Neonate (Fighting for a Future)

Chaotically good music mixed with political, social and local punk talk as well as show listings and events you don't want to miss.

Punk et al.

2:00am

Goat-Man

Now It's Dark

Music for nocturnal New-Wave cabdrivers and the taverns on Saturn.
Eclectic

4:00am

(Summer Session 1)

Dr. Gonzo

Jazz and Pancakes

Jazz show with all the greats and all the unknowns.
Jazz

(Summer Session 2)

Kayvee & Anaphylactic Shock

The Living Dead at Davis

Lex Luthor's World of Tomorrow
Eclectic

6:00am

Bobby H

Songs of Praise Gospel Program

Traditional and Contemporary Praise and Worship Gospel Music
Gospel

8:00am

Bernard Benson

"In Focus"/ Perspective

"In Focus" is a Religious Talk Show whose theme is solving problems of students and the community in Light of scripture. Perspective has a variety of religious music.
Religious talk show & variety of Christian music.

10:00am

Gary B. Goode

The New Island Radio Cafe

New reggae releases, Latino/a music, Hawaiian, Celtic, ska plus surprises.

Reggae, Latino/a, Hawaiian, Celtic, Ska

-Alternates With-

Mindy

Cross-Cultural Currents

Reggae and African Music.
International, Reggae

12:00pm

Papa Wheelie

Radio Wadada

A conscious reggae session featuring reggae (old and new) dub and dancehall.
Reggae

2:00pm

Myk Blauuw & Miss Special
Word To Woodrow

Fresh
Hip-Hop

4:00pm

Justin Desmangles

New Day Jazz

Jazz music for lovers and the lonely.
Jazz

6:00pm

DJ Don Sequitur

Hammer Down Sub-Atomic Pound

Viny Records - 33's & 45's
Eclectic

8:00pm

BJ & JD Esquire & Mario

The Front Porch Blues Show

Blues for the down home blues lover.

10:00pm

Tim Matranga

Kicksville 29BC

Garage, psychedelia, 50's, 60's, R+B, Soul, Funk, all the best, all the time
Psych/Garage/Soul

Monday

12:00am

Springy

Sweet Sixteen

Buzz, buzz, buzz. Dedicated to the memory of 5JFH614
Jackson Brown

3:00am

DJ Leafless

Synchrogalactic

Metal, International, Reggae, Classical, Eclectic, Jazz, Folk, Rock, Blues, Hip-Hop

6:00am

annelytic

boomerique

The return of the delightful
Electroswing, Swing

8:00am

Aljazeera English News

8:30am

Ricardo Lezama

Hablando Sobre Nos

Noticias y analisis sobre America Latina y los Estados Unidos

9:30 am

DJ Ricky

Noticiero y Cultura de la Comunidad

Musica y cultura de Latino America

Noon

Democracy Now! Presents: The War and Peace Report

1:00pm

Emilio

Now You've Talkin'

By using "The Internet," and other common phrases, fill your verbal "tool-shed" with the necessary "equipment" for "success."
Information

2:30pm

DJ Mucky

Bear Is Driving Car!

Big American Party! Everyone Disco Dancing!
Eclectic

4:30pm

Free Speech Radio News

5:00pm

Dani Lee, Jennifer Heinlein,

Neda Yosefian and Anna

Ruth Crittenden

Local Dirt

Local news about sustainable agriculture, slow food, agricultural technology and environmentalism. Produced with the help of Jennifer Heinlein, Neda Yosefian, Anna Ruth Crittenden

6:00pm

Ginger Snap & Gwendolyn

Calling All Girls!

Surveying underground female artists from around the universe
Folk, Rock n' Roll, Punk, Experimental/Folk

7:30pm

Elisa Rocket

Phoning It In

Lo-fi is the right fit: We call up your favorite musicians for live over-the-phone performances and awkward conversation
Pop, Folk, Fun

8:00pm

Michael Leahy & Maggie Cat

One on One

Cat's Meow and Cool as Folk bike riding at night on the streets of the tri-county area.
Folk, Indie, Rock

10:00pm

DJ Rick

Art For Spastics

An historical look at cities that have influence "weirdpunk" and "glue-wave": Columbus, Metz, Calgary, Brisbane, Blackpool, Olympia, Monterrey, Dunedin, Oulu, Memphis, etc.
PUNK/D-I-Y-ETC.

Tuesday

12:00am

Theo & Quill

The Creaking Hinge

Don't wake mother

Eclectic

-Alternates with-

China

Underrated & Underplayed

A block for all hip-hop & soul lovers. Smooth, subtle & always swaggy.

Reggae, Indie, Blues, Hip-Hop, Soul

3:00am

(Summer Session 1)

Jaguar Shark

Shark Hour

Stupid pop music
Electronic, Rock, Indie

(Summer Session 2)

DJ Champ & DJ Nance

A Face for Radio

Eclectic, Folk, Indie

6:00am

Hot Tamale

A air A airs

Jess is the best

Eclectic

-Alternates With-

Salokin Regnildron

Experiments in

Juxtaposition

If you will suck my soul, I will like your funky emotions
Eclectic

8:00am

Al Jazeera English Radio

News Half Hour

An English language news program produced by the Middle East's largest media outlet, Al Jazeera.

8:30am

Justin Jackson & Dr.

Kirsten Sanford

This Week in Science

Detailing and discussing major issues in the sciences.

9:30am

Neutron & Reil Nuud

Physiiicss

An eclectic selection of tunes, ranging from Rock to Hip-Hop
Eclectic

12:00pm

Democracy Now!

1:00pm

Lady Kay

Triphofonic Sounds of the Hacienda Sunrise

Music for the band aid in you!
Rock, Pop, Soul, Catchy Jingles

2:30pm

Todd

Hometown Atrocities

Show centering on rock of sorts: Psych, Indie, Punk, Experimental Rock, Electro, Scenester, & outdated Pop culture.
Pop/Rock/ETC.

-Alternates With-

Chris Killamanjaro

'lectronic mail

Playing lofi, pop, psych, synth, proto from a long line:
Ben-Post-Chastity- eclectic experimental beans.

4:30pm

Free Speech Radio News

5:00pm

George

The Sounds of Africa

African current events brought to light and discussed.
African

6:00pm

Mick Pinn

KDVS Radio Theater

Original locally produced and classic audio plays
Audio Plays

7:00pm

Ben Taylor

Aggie Talk

A weekly update on everything UC Davis Aggies. If something happens with UC Davis athletics, Aggie Talk is the place to hear about it.
Sports

8:00pm

Klinger

Hermit Tunes

Your radio is sufficient company along with a book, a cat (or five) or a cup of tea.
Power Pop, Punk, 60's Garage Rock, Synth Pop, Post Punk, Background Music

9:00pm

Mr. Mick Mucus

The Chicken Years

Fun With Sound!
Eclectic, Hardcore, Punk

11:00pm

Scott Soriano

The Rebel Kind

Unknown, Forgotten, Obscure, & Familiar
Eclectic

Wednesday

12:00am

Terra Belle & Le Bon Bon

Masterpiece BBQ Theater

A delightful helping of British Indie with a slathering of grade-A Punk, perfectly suitable portions of Folk, and Hunks of good ol' American Rock included.
Folk, Rock, Indie

3:00am

DJ Lesson 23

The Equalizer

Beats, Beats, Beats!
Electronic, Hip-Hop

6:00am

KUSF in Exile

8:00am

Al Jazeera English Radio

News Half Hour

8:30am

Dr. Art Magana & Phillip

Wister MFT

Psychnation

A public discussion of all things psychology. The latest research and therapies for mental health.
Psychology

9:30am

Yanapolis

Sovereignty Sound

Music & events from California; American Indian territory. Native America Calling takes place live 10-11 am, call 1-800 99 Native to join the nat'l conversation about issues specific to native communities.
Native American

12:00pm

Democracy Now!.

1:00pm
Shiva
I AM A TOUCAN
Lullabies for Insomniacs, wake up calls for Narcoleptics. You are all thirty.
Classical, Hardcore

2:30pm
Flower Vato
Tripping with the Flower Vato
International, Eclectic

4:30pm
Free Speech Radio News
http://fsrn.org/ An ear to the ground and a voice to the air. Independent news!!!

5:00pm
Dr. Andy
Dr. Andy's Poetry and Technology Hour
Talk about Poetry & Technology with frequent guests
Poetry, Jazz, Avant-Garde

6:00pm
DJ Tangosaurus Rex
Cool & Deadly
Keepin' the old-school vibes of Reggae alive. Rocksteady, Ska, Lover's Rock, Rocks, Dub, Dancehall, Rub-a Dub, and Roots all around.

8:00pm
The D. Elkan
21st Century Schizophrenia
The collision of so many sensations at once drifts over the body like light through a kaleidoscope-beautiful because it is simplified.
Math Rock, Trip-Hop & Hard Bop

10:00pm
Calamity Janie & Anne Halo
Revenge of the Handlebar Mustache
Join me all ye outlaws for the rootin' tootinest straight-shootinest good time in this here wild west!
Rock, Indie, Punk

Thursday

12:00am
Robin Redbreast
He hates music, he loves noise
I That's not music! That's just a bunch of noise! Bands these days are like "lwruh lwruh lwruh lwruh". In my day you had to sing! Kids these days...
Noise, Experimental, Skunch etc.

3:00am
Admiral SnackBar & Barnabas Sackette
Chump
Eclectic mix of electronic and other stu for chumps.
Eclectic, Metal, Noise, Rock, etc.

6:00am
Dirty Girl Scout
Daylight Savings
Prosephonal professional
Eclectic

8:00am
Al Jazeera English News

8:30am
Christopher Thielen
An American Atheist
Panelists discuss news and topics relating to religion and critical thought
Public A airs

9:30am
Linda
Vocation Conversation
Interviews with local professionals and graduate students about their fields and work lives

10:00am
Linda
"Ee Klek Tik"
Travel yonder and ponder the wonder of the fonder
Eclectic

12:00pm
Democracy Now!

1:00pm
Callisto
B-Side Breaks
"I have my many faults, but changing my tune is not one of them." Samuel Beckett
Eclectic

2:30pm
Tatari
Aural Fixations
Something for your ears to chew on
Eclectic, Electronic, Dub-Step, Beats

4:30pm
Free Speech Radio News

5:00pm
Douglas Everett
Radio Parallax
Science, history, politics, current events, whatever we damn well please.
Public A airs

6:00pm
Howard
Mystery Surprise
Weekly on-air existential crisis
Fragile Mosaic

7:00pm
Simi
Esotericism and the Occult in the Western World
The roots of the New Age, echoes of the cosmos
Adult Contemporary

8:00pm
Boris, Natasha & Big Sister
Radio Sputnik
"The Supreme Court says pornography is anything without artistic merit that causes sexual thoughts, that's their definition. No artistic merit, causes sexual

thoughts. Hmm.. Sounds like everything on commercial radio, doesn't it?" - Comrade Bill Hicks
Funk, Electro/Disco/Italo/Synth etc.

10:00pm
Fuzzbox Flynn
Loves and Disloves
Music for weird sorts
Eclectic

11:00pm
Fenris with Guests
Live in Studio A
Live bands engineers analog by KDVS's magician studio technician Fenris Wolf. Studio A is available for recording sessions at very agreeable prices, see www.kdvs.org

Friday

12:00am
Mr. Twilight & The Valley Boy
Planet of the Tapes
Damn Dirty Tapes!
Metal, International, Folk, Indie, Punk, Hip Hop, Experimental, D.I.Y.

3:00am
(Summer Session 1)
DJ Champ & DJ Marz
Galactic Planet
Music that's out of this world; as well as pretty good stu from this planet too.
International, Reggae, Electronic, Jazz, Folk, Rock, Indie, Industrial, Punk, Experimental

(Summer Session 2)
Dr. Odd Job
The Corner
Hip Hop, it's influences, roots and parallels. I will try to explore many related genres.
Jazz, Indie, Blues, Hip-Hop

6:00am
Phillip Fray
The Udder Side of Sac
An eclectic program with an emphasis on local music from the greater Sac/Davis area, featuring weekly local artists for interviews, co ee and live music.
International, Reggae, Eclectic, Folk, Jazz, Blues, Indie, Rock

8:00am
Al Jazeera English News

8:30am

Planetary Radio
A unique perspective on the quest for knowledge about our solar system and beyond.
Space, Astronomy

9:00am
Radioactive Gavin
=Making Waves=
A timely and entertaining look at participatory radio, digital music trends, democratic access to information over the airwaves policy battles, limits to artistic expression and broadcast press freedom.
Public A airs, Media, Radio, Low Power FM

9:30am
Mr. Glass
Good Good (Mellow, Mellow)
Afro-Soul-Dub-Jazz-Bossa-Beats and Hip Hop
Jazz, Hip Hop, Soul

12:00pm
Democracy Now!

1:00pm
Something Live
Live acoustic acts

2:30pm
The Color Technic
Souls for Sale
Revolving around Soul, Jazz, Hip Hop, Blues and everything in between we mix the older generation with the new.
Soul, Jazz, Hip Hop, Blues, International

4:30pm
Free Speech Radio News

5:00pm
Richard Estes
Speaking in Tongues
A program featuring social commentary and interviews with people directly involved in struggles related to peace, civil rights, the environment and the workplace.
Public A airs, Authors

6:00pm
DJ Maestro
Maestro's Musical Menagerie
A mixture of music spanning from Blues and Folk, to Contemporary Rock and Indie Pop
Folk, Rock, Indie, Blues, R&B, Soul

8:00pm
Miss Dot & Zack
Racketeering
Eclectic

10:00pm
The Pirate & Blasphemer
1000 Points of Fright
Metal, metal-related items, stale jokes, old references, piles of obsolete CDs & metal.
Metal, Hardcore

Saturday

12:00am
Scarecrow & Blasphemer
Raise the Dead
Black metal, death metal, grindcore, pagan, Viking, and ambient horror.
Metal

3:00am
Malefactor
Unspeakable Cults
An ine able journey into the macabre, featuring death metal, black metal, traditional, progressive and more.
Metal

6:00am
Big Dave
Buried Alive in Blues
What better way to start your weekend? Listen to blues from everywhere - new and old, national and international.
Blues, Jazz, Folk

9:00am
Robyne Fawx & Bill Wagman
The Saturday Morning Folk Show
Folk of any kind.
Folk

12:00pm
DJ Markuss
The Prog Rock Palace
Progressive rock and jazz from the 60's to the present, from all over the world.
Progressive Rock

2:00pm
Ed
Cactus Corners
Euphony and Cacophony: Contemporary Classical Music, Modern Composition, Opera. Contactcactuscornerskdvs@gmail.com.
Classical, Avant-Garde
-alternates with-
Rob
Liminal Space
Classical and modern composition focusing mainly on the 20th and 21st century material.
Classical, experimental

4:00pm
Gil Medovoy
Crossing Continents
World
International

7:00pm
Mr. Frankly
Air Show
Rock, Mostly
Eclectic

-alternates with-

Je rey
Today's Aberration, Tomorrow's Fashion
Widely surveying the latest new arrivals to the KDVS library with emphasis on rock, indie, electronic
Eclectic

9:00pm
David D. Young
Upper Realm Shrieks: Music & Words
In flux.
Jazz, Blues, Rock, Punk, Experimental, Spoken Word, Country, Bluegrass, Eclectic

11:00pm
Joe Frank
The Joe Frank Show
Weird Stories, Audio Collages



David D. Young, *Shiny Girl*



a collection of poetry

compiled by France Kassing

Burn Brightly

by Tim Wozny

While I stand
I know I'm not alone
While I stand
I bow down to no throne
While I stand
I see the first glance
While I stand
I know that there is still a chance
While I stand
I give voice to my beliefs
While I stand
I give notice to the world's grief
Burn brightly
This candle of peace
Burn brightly
To touch the heart of all your reach
Burn brightly
To show we care
Burn brightly
To comfort those that dare
Burn brightly
To relieve the world's stress
Burn brightly
To light the darkness
Stand with me my friends
Against war and hate
Stand with me my friends
Now before it's too late
Stand with me my friends
To right what is wrong
Stand with me my friends
Before freedom is gone

IN TUCSON YESTERDAY, BLOOD

a poem for Gabrielle Giffords & the other 17 victims

by Pam Uschuk on Sunday, January 9, 2011 at 8:51am

There is no horn's clarion call, just dawn's iced bullets that
crack to split night's beautiful skull, this morning after desert wings
turned to lead and blood stained the sky
warming the Safeway parking lot, where
we shop for cheap food and where time
was blown off its feet when the congresswoman
stopped to chat with people, her style to listen
to people not distanced by emails or texts. Desert was opening
her warm arms to the small crowd while
the shooter strode, pulled out the new handgun
and shot Gabrielle pointblank. There is no other way
to say this. The bullet tore its acetyline blue path
through her brain, then through more as he spun
clenching the terrible automatic trigger of his anger, gunfire
like steel hail popping on the tin roof of hate, ripping
into the eighteen who could not get away. Among the six dead,
a federal judge stopping by after Saturday mass
to see his friend instead of hurrying home to vacuum floors
and a nine year old girl just elected to student council
who'd wanted to see how government works. And she did, at least,
see how the opposition takes aim, crosshairs of rage centered
on their opponents' vulnerable temples. This is the USA, where
the killer bees of intimidation shatter the everyday compassion of even saints
like this congresswoman who wanted health care
for the poor, wanted an end to racism's frigid fists, wanted
to talk to her constituents without rancor's blades
slicing from a microphone's indifferent air. Now, Gabrielle's chest rises
and falls to monitor beeps in the same ICU, where my sister recovered
from a massive head bleed. I know how it goes—the shunt
pumping fluid geranium pink from the brain
to relieve relentless pressure, the long weeks
fight to keep swelling down, more surgeries and tubes, infected
dreams burning down dim alleys of pain and fear.

What do we hear? The same threats blaring
from billboards paid for by political campaigns turned to ice, calling for M16s
to take out liberals, especially this slim woman
whose slogan is love straight from her bleeding
and compassionate heart.

Candles

let us be burning
candles giving caring light
amidst this dark night

Sophist Game

by Ricardo Villalobos

Talking heads
PC TV
“both sides are responsible”

but who's spewing the hate
disagreements one thing
vitriol another

the new hate words
immigrant
hitlist
lock n load
un-american

can't speak the truth
w/o un-deciphered code

the tea party isn't
a party
or about tea

who will talk freely
no mask
or PC code phrases

instead
heads spin
competing facades
the elephant
in the room
uses all the oxygen

we are all in the crosshairs
truth at stake
genuineness becoming extinct
knowledge irrelevant
greed and power
the only board game

*Ricardo Villalobos provides
psychotherapy services for adults,
adolescents, couples and families, and
has more than eight years of experience.
He also provides personal/executive
coaching services.*

*Pamela Uschuk's work has appeared in over 200
journals and anthologies worldwide. Her work has
been translated into nearly a dozen languages,
including Spanish, Russian, Czech, Swedish,
Albanian, and Korean. Her awards are too numerous
to mention here. In 2005 she gave up her position
as Director of the Salem College Center for Women
Writers in North Carolina to become Editor In Chief
of Cutthroat, A Journal of the Arts and to conduct
poetry workshops at the University of Arizona Poetry
Center. In 2006, Uschuk was a featured writer at the
Prague Summer Writers Workshops, the Meacham
Writers Conference and the Southwest Writers
Institute. She makes her home in Tucson, Arizona,
and outside of Bayfield, Colorado, with her husband,
poet William Root.*

I WILL be SILENT NO MORE

by SMT Hedger

I heard the lies growing up,
The ones that are whispered in white folks' homes.
The jokes that aren't funny
But program you with a smile on your face.
The jokes about shooting "cans."
The jokes about them, the others, the not us.
The illegals, the wetbacks, the aliens.
All those over there,
In front of the Home Depot
(When they were still allowed to stand there
And beg for honest work, for labor).
And they would run up to the sides of white trucks
Driven by white men.
And I would wonder with my child mind,
Why do they run?
As a farmer's daughter we ran our horses
When we wanted to sell them
To white men in white trucks,
In order to show off their value.
Now, as an adult, I see the two displays as the same.
As I have grown so has our hate toward them—
The others, those over there, the not us.
When I enrolled in college I was so happy.
Happy to be a woman,
Happy to be the first in my family,
Happy to be in higher education.
2 years in, Proposition 300 was passed.
Many people have forgotten it now.
It was the first step of control,
Of open racism, of open hate,
Of closed thinking.
And it passed in my birth land.
It was so that they, the others, the not us,
Could not get, and would not get, a foot up.
It was a ban on educating them.
If you could not prove your citizenship
Then you—a not us—must pay out of state tuition
For the entire duration.
This inflated tuition was 3 times my fare.
And in that moment, it happened.
I found I have a ball in my throat,
A round and heavy sphere.
If I swallow it, it shall consume me.
So I keep it there, lodged.
It is the blackness that shuts out truths,
And it will silence you.
And so it went on,
With the minute men,
And with the people who tipped over
And destroyed water stations,
Pouring water, Arizona's blood
Onto the dusty desert floor.
Knowing that they caused certain doom
For them, those others, the not us.
And then, SB1070 so we could once and for all
Be done with them—the alien, the illegal, the wetback.
They are not even worth reading about
Or teaching about.
She said we have to keep it from our children
As if it is something catchy.
HB2281
Don't speak of them, the others, the not us.
And when Tucson schools refused,
And funding was threatened, they swallowed hard
The sphere of lies and silence.
Now it rests in their belly and they fight no more.

Justice forever gone, scattered in the Sonoran wind,
And still it was not enough.
Now they—the others, the not us, those over there—
Must carry papers,
As the Jews were forced to in Nazi Germany.
And all of this has defined us
More than it has them.
We who whisper behind closed doors
And in voting booths.
We who sit on the sidelines and cheer for no one.
We who let them—the dictators—tell us what to believe.
We who evict the indigenous and call babies anchors
And as I write this,
I feel the ball in my throat contract and tighten.
Perhaps you can feel it too?
It is awkward and discomfoting,
And as it tries to silence me I cry out.
I will not let this hate define me
Nor my generation
Nor my people.
And I will yell
And I will tell all who will listen.
I will be silent no more.

*Sara was born and raised in
Arizona amongst the foothills of
Superstition Mountain. Now she
writes from Syracuse, NY as a
student, wife and mother.*

This Is Not My Empire

by Devreaux Baker
For Gabrielle Giffords

This is the night
that only ends when one person says *Enough*
and passes on the words that sing solidarity
from heart to hand to mouth
so an unbreakable bond is formed
a chain is forged
an empire is dismantled
so a new land grows up
out of the shadow world into the light
where even the voices of those whose language
we do not speak is understood
is cradled between our hands
like a new beginning
is offered up to wood, water, air and fire
like a prayer
This morning I walk through a dream
of desperate men and gaunt women
lining up to knock on my doors
or calling out to me from
their beds of slippery dark
I woke up to the words *this is not
my empire*...I did not release the orders to kill
children in countries I will never see
I did not permit people to use the crosshairs
of guns to hunt down innocent men, women and
children. I was born in a time of war
to an empire that I never claimed as mine.
I move through the morning
like a sleep walker
in a dream of terrible consequence.

This is not my empire

*Devreaux Baker's work has appeared in many
anthologies and journals in the U.S. and
abroad. Her poetry collections include Light
At The Edge (1993), Beyond the Circumstance
of Sight (2009), Red Willow People (2010)
and Animal Mineral Vegetable (2010). She
was one of the editors of Wood, Water, Air and
Fire, The Anthology of Mendocino County
Women.*

Christina's last week

Andy Jones

In her last week, Christina Taylor Green
heard the song "Just Watching the Wheels"
playing high overhead
while while she sipped orange juice
with her mother
at La Encantada Shopping Center.
She wondered what John Lennon meant
when he wrote that he had stepped off
the merry-go-round.
What was it that he had to let go?

She beheld the indoor palm trees,
the same ones she had once watched from a stroller.
The fronds stretched and stretched,
like the arms of a child
on a balance beam,
soaking in the January sun.

She shyly smiled at a boy her age,
and then looked away.
Afterwards she thought of him again.
She felt that she knew him.

In her pocket she carried a baseball,
fingering the endless patterns
sewn ovals and circles,
the cycles of stitches.

She practiced baseball on weekends,
adjusting her glove,
running the bases.
At each base she imagined another boy,
smiling at her anew:

What did they think, to play baseball with a girl!

She rounded and rounded the bases.

A base for every hit,
for every catch,
for every smile from a boy.
She would round all the bases.

She stood at home plate, holding a bat,
her father alone on the pitching mound.
And her legs were strong,
and her batting stance was serious,
and her mind was sharp and open
to the sunshine and the dust of the diamond.

The diamond, the field, the park beyond,
And the mountains beyond the city:
One stretched beyond the beyond, reaching for horizon.
She let her thoughts range as widely.

In her heart, she made room for all she could see:
Room for the gallant desert trees,
room for all the smiling boys,
room for the warming winter sun,
and room for every stitch on her baseball.
It is a perfect circle,
that baseball,
and in her growing unbroken heart,
she would love its encircling paths
of stitched circles
forever.

Death rally

By Israel Francisco Haros Lopez ·
Friday, January 7, 2011

sometimes we do the task
to raise a fist
to hold up a web page protest sign
for the sake of hope
sometimes we raise the task
to see who is watching
to see who will like our zapatista
olmeca, eco-green identity

to watch the neo-pagan
neo-christianity
neo-native chants
neo-anti-nazi rally

to post it on our wall
deep inside the resume
to create our obsidian
personal codex history

and quisas forget
that we are already dust
already an old bone
carressing the water
where tonantzin was born

where she'll re-member
a time when we didn't talk
where our words actually spoke
where the wheel we turned
was our will

*Israel Francisco Haros Lopez is a
visual and performance artist.*

Awakening at Night For Poets Responding to SB 1070 and Rep. Gabrielle Giffords

By Carmen Calatayud

Anger creeps
through my fingers
to tips that buzz
with frustration.
Marigolds pop
and wither,
turn into crust.

Under the gypsy moon
I witness my heart
of coal grow tentacles,
reach out to strangle
the pain my people holds.

Flamenco ancestors
play castanets,
express their rage
through the heels
of their shoes.

My stomach kicks
as Venus appears
in the red wing sky
and I feel the wise
child of belonging
who reminds me

That time has always
been on our side.

That our hands
protect the land
That our souls collide
moment to moment
That our sleep has been
disturbed for centuries
but we are never too tired
to speak the truth.

*Andy Jones teaches
classes for the
University Writing
Program, Techn-
ocultural Studies,
and the Depart-
ment of English.
He hosts Poetry
Night at Bistro 33.
He is the producer
and host of Dr.
Andy's Poetry and
Technology Hour
which airs every
Wednesday at 5:00
PM right here on
KDVS.*

Trick or Treatment?

Doug Everett interviews Dr. Simon Singh on issues of alternative medical practices

Dr Singh: Many Americans rely on “alternative medicine” treatments. There have always been doubts about the efficacy of such therapies. Studies have been undertaken in recent years to test them. In some cases the jury is in. A few years ago I interviewed the co-author of a book which summarized what can be said about such treatments. Dr. Simon Singh is a science journalist, and best selling author. With Dr. Edzard Ernst, the world’s first professor of complimentary medicine, he wrote *Trick or Treatment: The Undeniable Facts About Alternative Medicine*.

Dr. Doug: “Alternative medicine” means many things to people. Please talk about the practices you examined.

It is a hard term to define. One must look at such treatments one-by-one. Some are effective, some not. We focused on acupuncture, chiropractic, homeopathy, and herbal medicine. Towards the end of the book we looked at two to three dozen others including crystal therapy, rake, magnetic healing and so on.

Your book looks back at the practice of medicine before the present era, concluding that prior to modern medical science doctors were bad at diagnosis and worse at treatment.

Even 150 years ago doctors didn’t understand the workings of the body. They didn’t understand disease and they didn’t understand how to treat, let alone cure patients. Doctors quite possibly did more harm than good. What transformed medicine was the idea of scientific testing. Let’s take a therapy, give it to 100 patients and NOT give it to another 100, and see which group does better. If the patients receiving the treatment do better then the treatment is effective. If not then it is ineffective perhaps even dangerous. This simple approach

– that of the clinical trial – was invented primarily by James Lind, a Scottish surgeon. It revolutionized medicine. We say in the book that this approach needs to be applied to alternative medicine too. Alternative medicines need to be tested. In some cases there *have* been some rigorous tests. We looked at them and their results.

You mention some classic examples of this learning process, namely the now discarded treatment of “bleeding”. It might not be known to some that George Washington got a nasty throat infection and was, unfortunately bled as a “cure.” Not only did this bleeding fail to cure him, it led to his death.

Bleeding was very common. The idea was that whatever was making you sick was “stagnating” in your blood. By cutting that patient and releasing that blood you could cure them. Sometimes they would pierce the skin with a blade; sometimes with leeches. A common technique was to chop the end off a leech so it would keep sucking and never get full. Bleeding was a cruel approach, but one that doctors practiced often. To the physicians of the time it seemed a sensible treatment. Their forefathers had used it. Their professors had taught them to do it. They tried it on patient and sometimes it seemed to work. A patient with a terrible fever would be thrashing about in bed, and bloodletting would sedate them. This gave the effect of it being a positive treatment. In the 19th century, French doctors actually gave this a clinical trial. In patients with pneumonia some were bled while some were not. The patients not bled did better. It was hard for many doctors to accept this, however. They remembered those patients who had recovered and forgot those that died. In fact, they were literally draining the lifeblood out of patients. Only clinical testing stopped what we now consider to be

a barbaric practice.

Homeopathy seems be the alternative treatment with the least to offer.

Homeopathy is an alternative treatment that is widespread and at the heart of a billion dollar industry. It has no evidence whatsoever to back it up. There have been over 200 clinical trials and yet there is still no convincing evidence suggesting that homeopathy is effective. To remind people about what homeopathy is – its theory is that “a little of what harms you can cure you”. That is the first principle. If you suffer from hay fever, maybe pollen can cure you. How? Per its second principle you dilute the pollen over and over. The less you have of an ingredient, the higher the chance (supposedly) that it can cure. This seems bizarre, but science is full of bizarre ideas; so you test them all. But when you test homeopathy the results don’t back up the claims.

Curious to note, about a decade ago The Lancet, a distinguished British medical journal, published a meta-analysis which mathematically combines studies in an attempt to magnify the effect of what the study can tell you. It concluded that homeopathic practices were more likely to improve people than controls, but as you note in the book there were some major problems with those studies that rendered them invalid.

Scientific studies are the way to get the truth, but there are good trials and bad. You can look at a trial and assess its quality. If a trial is conducted poorly it is worse than no trial at all. The results can be misleading and unreliable. Look at the good quality trials – and by good quality I mean, using a large number of patients, assigning patients randomly to being treated or untreated, and the patients are blinded, meaning they don’t know whether they

are getting homeopathy or a placebo sugar pill – that’s when homeopathy seems to fail to register any positive evidence for itself.

When *Trick or Treatment* was published in Europe we got huge amounts of criticism from homeopaths. They said we didn’t know what we were talking about. We were being selective or in the pockets of the pharmaceutical industry. They said horrible things about us. We told our critics, we would give them a check for \$20,000 if you can show convincing evidence that homeopathy is effective. To date, no one has made a claim for the money, because the truth is, no such evidence exists.

In 1988 there were some studies showing that homeopathic preparations could affect white blood cells. This caused quite a stir in the scientific community. In your book you deduced where researchers went wrong. Could you tell us a bit about this?

A French researcher named Jacques Benveniste was trying to understand homeopathy at a fundamental level. Instead of looking at the patients, he looked at individual cells and how homeopathic preparations might affect them. According to homeopaths less is more; so much so that there is no active ingredient left in a final remedy, yet a “memory” of the agent is supposedly active. Jacques’ assistant seemed to observe that these cells were affected by remedies with no active ingredients left in them. It was such a revolutionary discovery, that it made the most prestigious journal in the world, *Nature*. At the time I was astonished. Here was evidence for homeopathy, which almost broke the laws of science.

Nature did something unusual, however. They said they were publishing the paper with the right to go back and repeat the experiment.

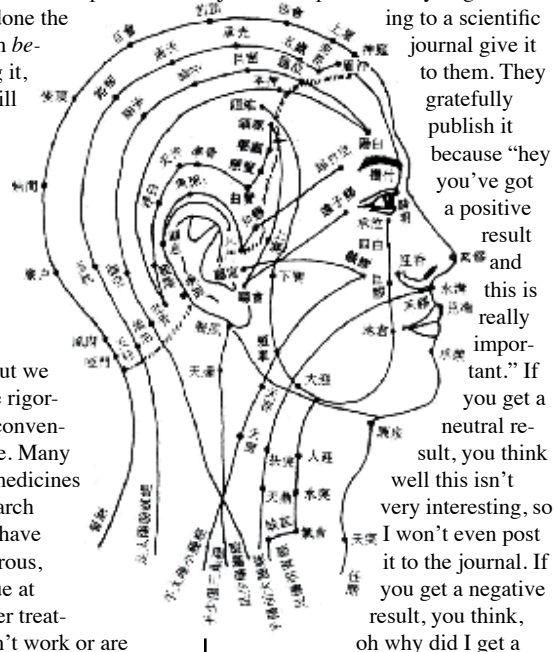
When they did revisit the experiment they realized that bias had crept in. The observer wanted to see the effect that she was looking for. She hoodwinked herself. It was subconscious. We have to be careful with falling for our own prejudices, and seeing what we want to see, instead of what is really there. When one removed those biases and did an independent analysis, the effects on white blood cells disappeared. I wish *Nature* had never published that paper, or done the proper research before publishing it, because you still see this flawed study being quoted by homeopaths to back up their methods.

We are being negative about homeopathy, but we apply the same rigorous testing to conventional medicine. Many conventional medicines fail in the research phase too. We have to apply a rigorous, brutal technique at research to filter treatments that won't work or are harmful. Although we are negative about homeopathy, there are some alternative therapies that do pass the test. We say in the book: let's look at the evidence. If it is positive let us embrace the therapy and try to understand it. Then we may get the most out of it.

It seems that acupuncture did not stand up to the best scientific analyses. As it turns out, studies done in China have to be regarded with suspicion. Could you comment on this?

The bottom line is that there is no convincing evidence that acupuncture actually works for fertility, asthma, or any of the conditions it is hyped for. The exception to this is of nausea and some types of pain. There is some borderline evidence for this [nausea and pain relief], but the jury is still out. If it works for you, the evidence is kind of on your side, so by all means continue. Just be careful when you are

considering your options to start with. Going back in time we have to ask why there is such a huge industry of acupuncture, and why are such claims made when the science doesn't back it up. As you say, a lot of the research – at least the early research – was done in China. There is a thing called “publication bias”. What this means is that if you do some research and you get a positive result – which sometimes happens just out of pure luck – you go rushing



to a scientific journal give it to them. They gratefully publish it because “hey you’ve got a positive result and this is really important.” If you get a neutral result, you think well this isn’t very interesting, so I won’t even post it to the journal. If you get a negative result, you think, oh why did I get a negative result? Maybe I was feeling ill myself and didn’t conduct the acupuncture very well or maybe my patients were just too sick. Then you don’t submit it to the journal and you become overly critical of your results. What this results in is that the published results are generally rosier than what the actual, genuine research would reflect.

When we look in China, there is a particular problem here because you very rarely see any negative research published about acupuncture, whereas if you look at the research in Europe and America you find a more balanced view, with some negative studies, and a few positive – at least in the area of nausea and pain. The other reason why it is so widespread is that the people only get to read the positive research, the acupuncturists only talk about the positive results. Then we have things like tradition. People think that if something has been used for hundreds or thousands of

years, it must be good and effective, otherwise it wouldn’t have survived to the modern age. This simply isn’t true. Earlier on the program we spoke about bloodletting, a practice that dates back to ancient Greece. It was dangerous, and it took us thousands of years to figure out it was dangerous. Now, acupuncture might not be dangerous, but just because we’ve been using it for thousands of years doesn’t mean it is necessarily good or effective.

Chiropractic is another alternative practice that many people think of as rather mainstream. I would like you to tell us about its rather colorful beginnings under Daniel David Palmer, and how, like homeopathy, it has a cultish aspect to it, at least at the beginning.

It’s a very American treatment. Homeopathy started in Europe, acupuncture started in China, and it is America that has to take the blame or credit for chiropractic, depending on how you look at it. Most people think you will go to a chiropractor for back problems. They manipulate your spine, they adjust your back. They will tell you that the vertebrae need to be aligned, a claim which is true to some extent, and effective to some extent. If I had some back problems I would consider going to a chiropractor. There are some risks in manipulating the bones at the top of the neck, and I would ask the chiropractor to avoid that, but otherwise I might give it a go. They do as well or as badly as any other medical treatment. Back pain is notoriously difficult to treat, and chiropractors do just as well or as poorly as anybody else. What people will be surprised about is the origin of chiropractic. It dates back to Daniel David Palmer and the end of the 19th century. He believed that he could treat 95% of diseases by manipulating the spine. The reason for this is that the spine carries the spinal cord and nervous system that taps out to every part of the body. He thought all disease was connected to an interruption of the neuronal signal between the brain and that part of the body. By fixing the spine and spinal cord you could ease the flow of information and cure disease. It sounds weird that you could treat a problem in your big toe

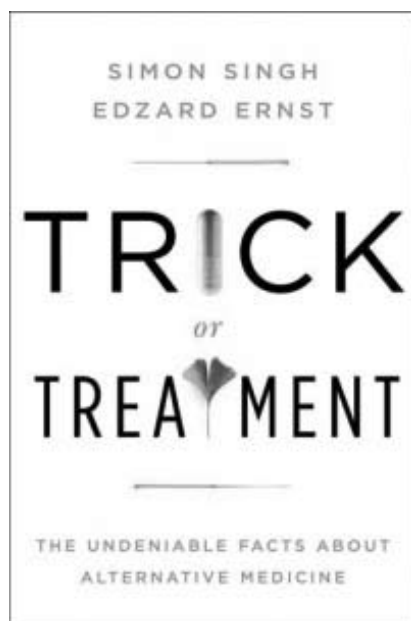
by manipulating the spine, or you could cure a problem in your ear by manipulating the spine, but the first conditions Palmer tried to treat were deafness and heart disease. Today, many chiropractors have moved away from this notion and restrict themselves to only treating back problems. There is a very significant fraction, however, that still believes they can treat asthma, colic, ear infections and a whole host of what we call non-musculoskeletal conditions. There have been studies, and as of yet, there has been no evidence that chiropractic can treat anything that goes into this non-musculoskeletal territory.

When I was a medical student I treated a case of someone who had been very seriously injured by chiropractic neck manipulation.

With conventional drugs we know their adverse effects; we do a risk-benefit analysis. We know the hazards because they’ve been rigorously tested, even when they reach the market place, doctors look for adverse effects and report back, so there is continual monitoring. My worries about chiropractic and other alternative treatments is they still haven’t got on top of the adverse effects of their treatment. My co-author did a study looking at how many adverse effects had been noted. There were 700 cases of serious injury cases following chiropractic manipulation. There could be many more, we just don’t know. I think it is beholden to the chiropractic profession to investigate the safety of what it is that they are doing. That has to be taken into consideration by patients when they look into the benefits of what chiropractic has to offer.

In your book, you list many popular herbs and what the evidence is for their effectiveness. Can we take a look at the herbal remedies which have the best evidence going for them?

I think the best and most impressive of the herbal remedies is St. Johns Wort. There have been clinical trials of St. Johns Wort and the evidence is mounting that it might have some positive treatment for mild depression. Some words of caution go along with this however, because



as with any treatment, there will be adverse reactions. For this reason you must talk to your doctor if you are thinking about taking St. Johns Wort. People might think, "Oh but this is natural and natural must be good for me. Natural products can't do me any harm." That's just not true. Plants are full of a chemical cocktail, some of them can be good for us, but many can be very bad. One of the side effects of the chemicals in St. Johns Wort is accelerating the function of your liver. This leads to quicker breakdown of other pharmaceuticals you might be taking, such as anti-coagulants, contraceptive pill, and so on. St. Johns Wort does seem to be effective in the treatment of mild depression, but you do have to talk to your physician and treat it with caution.

St. Johns Wort contains a chemical that acts as an MAO inhibitor, the same mechanism used in drugs that treat depression. MAO inhibitors are notorious for drug interactions.

The record shows St. John's Wort interacts with about half of known prescription drugs. Immunosuppressants are a class of drugs that interact with it, and there is a recorded case about a lady who had a kidney transplant. She was taking immunosuppressants to allow the kidney to bed in. She took St. Johns Wort and didn't tell her doctor, because she thought it was natural and safe. The St. Johns Wort interacted

with, and rendered ineffective the immunosuppressants that she was taking and her body unfortunately ended up rejecting the kidney.

You and Dr. Ernst note that these products are not well regulated and so the things that they contain or don't contain are not well controlled.

Yes it comes back to the idea of supplements being "natural." Herbal healers will push the idea of natural being wonderful. Natural might mean having the original plant, drying it and mixing it into a tea. In the form of the pill, you will know the weight and dosage of the extract. The problem of taking

it straight from a plant is, depending on where the plant grew, the soil, the amount of sunshine, you could have varying concentrations or dosages of the active ingredient. This is just one example of a situation where natural is not equivalent to good.

I like that you point out several fallacies surrounding alternative medicine. People call it traditional, natural, or holistic. Those words really don't mean that much.

I find the holistic term a bit offensive. When you go to the doctor they look at your age, your background, your family history, your lifestyle. Good doctors always take a holistic approach to medicine, and it offends me that alternative therapists have hijacked this term and somehow think they are more holistic than medical doctors.

You have a great quote in your book saying, "If a doctor can't make the placebo effect work then he should probably become a pathologist."

Everything has a placebo effect. This explains why treatments like homeopathy seem to be effective. The simple act of taking a pill that you think will help you, will boost your psychology and possibly your physiology. On a short term basis it will help you with some kind of recovery. People think it is the

homeopathy helping them, but really it is the thought of homeopathy helping them. Some people say that if homeopathy can help a patient through the placebo effect, what's wrong with that? The fears I have around this issue are that in order to get the placebo effect to work, there has to be a level of deceit involved. The homeopath has to hoodwink the patient – whether accidentally or intentionally in a well meaning but ultimately misguided way – to be fooled to believe that the homeopathy is helping them. For years we've tried to have an open and honest relationship between practitioner and patient, so that patients know the real truths. If we are going to try and maintain that homeopathy is effective, we have to maintain a lie that it has passed some sort of test, which it has not done. There are several other reasons why I think placebos shouldn't be used to justify alternative therapies, the most important one you have hinted at. Conventional treatments also come with a placebo effect. If I have hay fever, why would I use homeopathy that is only a placebo, when I could take an antihistamine which has real, actual effects – with a placebo effect thrown in for good measure.

You and Dr. Ernst have put together, in *Trick or Treatment*, the best and most comprehensive explanation of what goes into the placebo effect that I have read anywhere.

It is a really important part of medicine. Sometimes you hear people say, "Well it's just the placebo effect." Really though, it is not a minor thing or should be ignored. We should exploit the placebo effect by having good doctor-patient relationships and trying to build a patient's confidence in a particular treatment, but not by deceiving them about what their treatment actually is.

Could you mention a couple of the alternative therapies that your analysis has shown to be fairly effective?

I think some of the exercise therapies like tai chi or yoga are good. We know that exercise helps ward off a whole range of conditions. Additionally, some of the massage techniques are good for reducing

pain and some other conditions. By massage I mean the traditional types, not too fierce or rough, it just makes us feel better by increasing blood flow and so on. I would discourage the more esoteric forms of massage like rake, where your therapist might be talking about increasing you levels of "chi" or trying to add bells and whistles that really don't exist. So massage is great, but massage plus mumbo jumbo is just very expensive I'm afraid.

In *New Scientist Magazine*, your co-author mentioned that alternative medicines are ultimately a triumph of advertising over rationality.

I think that rationality is a wonderful thing. It shouldn't be seen as a wet blanket coming to spoil the party. Rationality has given us things like vaccinations. There are people listening to this program now that wouldn't be alive if not for the medical techniques that have come to bear on our lives. A rational approach to alternative medicine will identify those that are effective that will bring them to the mainstream. If anyone can prove that their therapy is cost effective, safe, and effective for patients, that therapy will be embraced. This is how we will move forward.

The book is *Trick or Treatment: The Undeniable Facts about Alternative Medicine*. I highly recommend this book and I thank our guest, co-author Simon Singh, for coming to talk to us about it.

Thank you very much it has been great to talk to you.

Dr. Doug hosts the program Radio Parallax on Thursday evenings from 5-6pm on KDVS 90.3FM in the Davis/Sacramento area. You can follow Dr. Doug on Twitter @DougDesallesMD, or become a fan of Sacramento Men's Health on Facebook by following the link <http://www.facebook.com/SacramentoMensHealth>. As always be sure to check back to the Sacramento Men's Health blog for the latest updates in science and medicine that affects you.

VIGOR!

Everyone wants to feel vigorous, but some of us need some help, particularly in the bedroom.



Doctor's Clinic for Men in Sacramento offers safe and effective remedies for Premature Ejaculation and Erectile Dysfunction. The highly-regarded and experienced medical staff includes the host of KDVS's Radio Parallax.

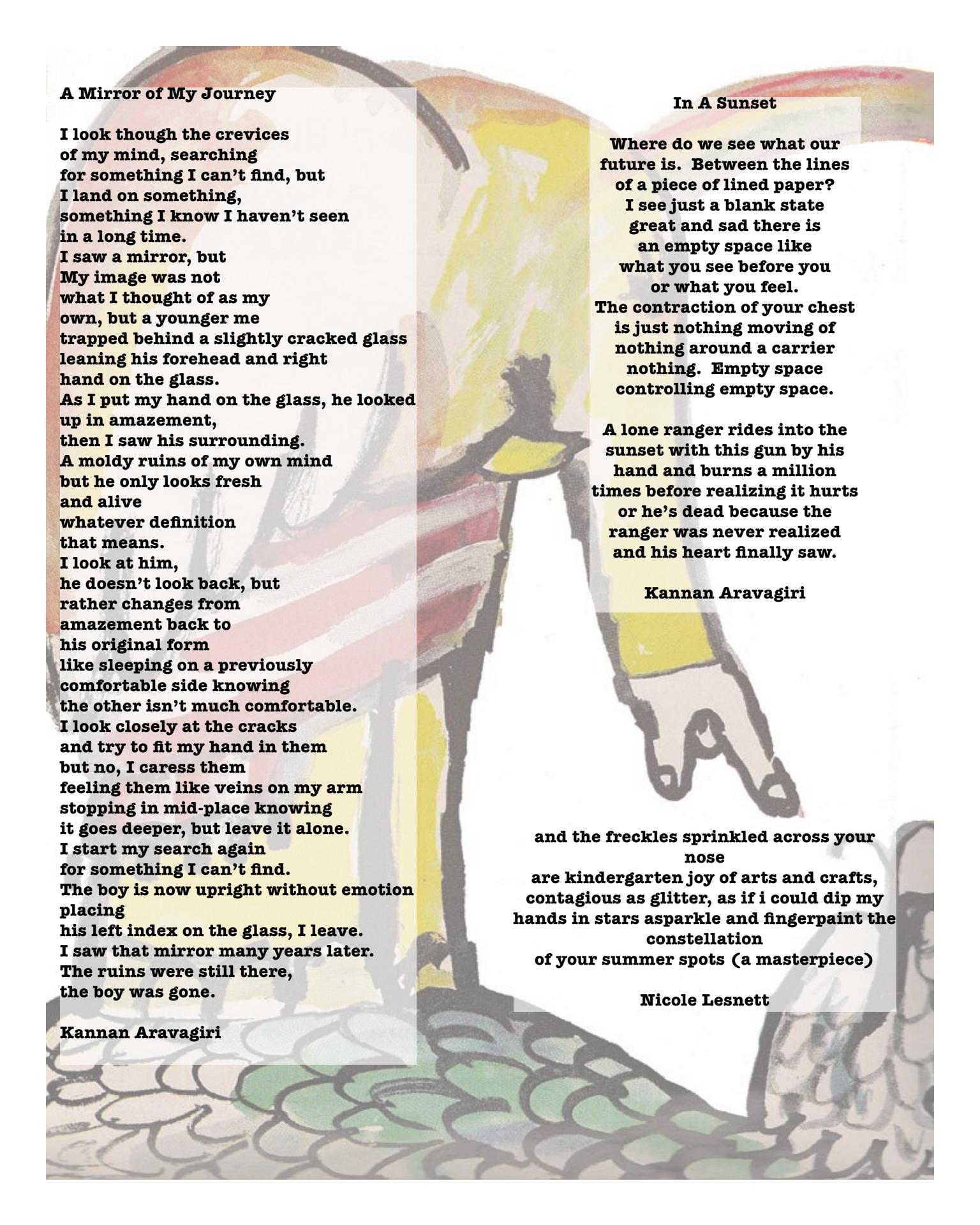
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A Mirror of My Journey

I look though the crevices
of my mind, searching
for something I can't find, but
I land on something,
something I know I haven't seen
in a long time.

I saw a mirror, but
My image was not
what I thought of as my
own, but a younger me
trapped behind a slightly cracked glass
leaning his forehead and right
hand on the glass.

As I put my hand on the glass, he looked
up in amazement,
then I saw his surrounding.
A moldy ruins of my own mind
but he only looks fresh
and alive
whatever definition
that means.

I look at him,
he doesn't look back, but
rather changes from
amazement back to
his original form
like sleeping on a previously
comfortable side knowing
the other isn't much comfortable.

I look closely at the cracks
and try to fit my hand in them
but no, I caress them
feeling them like veins on my arm
stopping in mid-place knowing
it goes deeper, but leave it alone.

I start my search again
for something I can't find.
The boy is now upright without emotion
placing
his left index on the glass, I leave.
I saw that mirror many years later.
The ruins were still there,
the boy was gone.

Kannan Aravagiri

In A Sunset

Where do we see what our
future is. Between the lines
of a piece of lined paper?

I see just a blank state
great and sad there is
an empty space like
what you see before you
or what you feel.

The contraction of your chest
is just nothing moving of
nothing around a carrier
nothing. Empty space
controlling empty space.

A lone ranger rides into the
sunset with this gun by his
hand and burns a million
times before realizing it hurts
or he's dead because the
ranger was never realized
and his heart finally saw.

Kannan Aravagiri

and the freckles sprinkled across your
nose
are kindergarten joy of arts and crafts,
contagious as glitter, as if i could dip my
hands in stars asparkle and fingerpaint the
constellation
of your summer spots (a masterpiece)

Nicole Lesnett

RE-VOLTING

CATCHING UP WITH CHRIS CAMPBELL, CHEVY VOLT OWNER

BY ED MARTIN

TRANSCRIBED BY SHANNON HOUSEHOLDER

We're talking today with Chris Campbell, the first Chevy Volt owner in Georgia, I guess you would say the first production-electric vehicle owner in the state of Georgia. About nine months ago you were expecting to go get your Volt and it's been close to six months now since you actually picked it up. What's happened in that time?

Chris: Well, the car is a blast to drive. A lot of early adopters are coming to this car for efficiency purposes, but I came to it honestly from the performance side. Electric vehicles are a blast to drive and this car is no exception. It is a lot of fun, but the great thing is that it's electric at first and then when you run out of battery juice the gas engine kicks in and it keeps on going down the road, so you can still go on long-distance drives. But in pure electric mode it's a lot of fun to drive; it's got a lot of acceleration, handles well, so I'm very happy with it.

Ed: Well as I recall not long after you got it you actually made the trip from New Jersey back to Atlanta.

Chris: Right, the very first weekend I had the car I demonstrated the fact that it can go long distances. I bought it in Tennessee, which is one of the launch markets for the car, and immediately I drove it up to New Jersey to spend Christmas with family and then drove it down to Atlanta. So I put 1,000 miles on the car in the first week. In that case it was an electric car but it was being run by a gas generator. Gasoline engine running an electric generator. So I was going from gas station to gas station like anybody would on a long road trip but the car is still electric. Then once I got home I fell into my regular routine of the daily commute, charging up every night, and when I'd leave the house in the morning I'd have 35 miles of pure electric range ready to go. And that's when the real fun began.

Ed: I remember you recounted when you finally had to go to the gas station again.

Chris: Yeah! I think I arrived in Atlanta in late December and still had a few gallons of gas in the tank from the last time I had gassed up in South Carolina on the way down, and that gas didn't end up getting used up until February, so I had three gallons left in the car and it took about six weeks for me to use up those three gallons. In my case, my daily drive is less than 35 miles, so I don't use gas on those days. On days that I drive more than 35 miles, say 50 miles or 100 miles, I do burn some gasoline and it ended up taking me 6 weeks and hundreds of miles to burn those three gallons of gas. Since then, I've only gassed up one other time - I think back in March or maybe early April. I haven't bought gas in over a month now and I have to remember to check my tire pressure at home because I never go to the gas station.

Ed: Well that's the most amusing story to me about this thus far is just that you don't have to buy gas anymore because you have an electric car.

Chris: That's right and my electric bill has not gone up that much. It's about 20 dollars a month more. It's not quite negligible but it's not that much at all. What a lot of electric vehicle owners do, is they get a special charger that costs maybe \$1000, and it uses an electric dryer kind of circuit and charges the car faster. You can charge it in the middle of the night and then what you do is you get a different kind of rate plan from your power company. Here in Georgia we have what's called a "time of use" or TOU rate plan where they offer the power to me overnight at an extremely cheap rate. And the power is virtually free overnight - we're talking about 1.5 cents per watt, which is one-tenth of what I'd normally pay here and one-twentieth of what you'd pay in California. So if I just made that extra investment,

instead of being \$20 more a month it'd be around \$2 more a month. Essentially my operating cost for the vehicle would go to zero.

Ed: I want to go back to the charging and cost of charging later. I'm intrigued by your whole new role as an electric vehicle evangelist. I saw you have a website now: firstvoltin-georgia.com.

Chris: Yeah! And honestly the only reason for the website is that I have the URL labeled on the car, so that when people spot the car around town they can go to that website and get my contact information. People are often curious about the car. Most people don't recognize it; they just see it as a regular-looking car. It is a normal-looking car. But some people do recognize what it is and then they have lots of questions, and I'm happy to show them the car and take them out to lunch, or whatever they want to do.

Ed: Well now I'm guessing you've given every engineer at Turner Satellite a ride thus far.

Chris: That's right! I've worked through almost everybody in my department and I'm spreading out further to other people. Now I've got a list, and those days when I have time to go out to lunch I just give the next person in line a call and say "Hey! You want to go out to lunch?" A lot of people have heard about me getting this car and everybody's curious, so I'll just take you out to lunch and I'll do this kind of retail marketing where, one-on-one, we go to lunch, spend half an hour talking about what this technology does. It's my little drop-in-the-bucket effort to wean us off of oil and start improving our environment.

Ed: And as you and I have discussed repeatedly, you're not employed by or consulting with anyone else.

Chris: That's right. A lot of people, when they hear me do this spiel, if they don't know me, they just as-

sume I work for GM - and I don't. I don't get a kickback; I haven't even gotten as much as a t-shirt. This just happens to be the first car that came out that was good enough for me to take the plunge and buy it, so yeah I'm just spreading the word. Evangelizing.

Ed: You're the evangelist, always say. I'd seen some pictures of you at events, out at public gatherings, and then you'd talked about going to one today with-

Chris: Yeah today was kind of a strange day. Normally I'm not this active; in fact, today I actually had to take the day off of work so I could do this stuff. I was invited up to an event up in Woodstock, which is out in the Atlanta suburbs. It was a business there that had built a solar canopy. A solar canopy is a structure that you put over, in this case, parking spots, and they put solar/electric panels on the top of it, so it's providing shade for this long row of parking spots while also generating power. They also put in a single electric vehicle charging station. So they had a ribbon cutting for this solar canopy and had invited me and one other guy up, who also has an electric vehicle, to demonstrate plugging in the car. So the idea of these solar canopies, or solar power in general, is that you're wired into the grid. In the case of this business they're wired through their meter and their meter can spin backwards; so, instead of consuming power on a sunny day, if that panel is generating more power than they're consuming, then their power meter spins backwards, literally. And they are getting paid by the power company for that peak period for the power. But the net effect is, by the end of the month, their power bill is much reduced. They may not get down all the way to zero, but they will have a much lower power bill, and the easy charging set-up there was really the icing on the cake.

Ed: We've had a lot of that out here, friends who have put solar panels

on their house and suddenly they don't get power bills anymore.

Chris: Yeah, but I think they call it a "net zero" set-up where your net power bill is zero. And you're certainly leading the country - if not the world - out there in California, with solar and electric vehicle adoption. For that matter, we're kind of lagging behind everywhere else, and certainly here in Georgia. But solar is also really taking off, and I see solar now the same way I saw electric vehicles three years ago. Three years ago I started looking hard at electric vehicles and I saw that they were going to hit the market big-time around now, 2010/2011. Solar electricity has been around for decades but in the last two years it has really picked up. Some of it is due to subsidies in Germany - that really transformed the market - some of it is due to Chinese manufacturing, but just this year solar is really lighting up.

Ed: It's just curious to see, given all that's going on in the world of energy, with gas prices in another steep ascent, and coal getting a hard look for the social and human cost of its production.

Chris: Yeah and these cars are much more efficient in cost to operate. In how much you actually pay for gasoline versus how much you pay for electricity, these electric cars are much cheaper and they're much cleaner. Even if you're pulling power from a power plant, you can do all the math and compare a gasoline supply chain to an electric grid supply chain and electric cars still come out much cleaner, even if they're fueled effectively by a dirty coal power plant, so there's just no argument there. It's a winning proposition.

Ed: Well I just always say, "Dude, you've heard of economies of scale, right?"

Chris: Right, and a power plant is a huge operation, and is much more efficient at creating power and reducing emissions than your little portable power plant that most people have in their car. They have their little gas engine that moves the car but it's portable, but it's not that efficient. It's an inefficient way of producing energy.

Ed: Now, we've talked about this,

but when you're talking about internal combustion engine production versus waste energy, what's the number versus an electric car situation?

Chris: Well, a gasoline engine as a thermodynamic device, where you're putting fuel in and you're getting motion out of it, is about 20% efficient. So that gas engine under your hood is actually 80% a heat-generation device. If you light it up on fire, that energy is actually 80% heat, and 20% is actually turned into motion and pushing you down the road. Now an electric motor takes electricity and converts that to motion at an efficiency in the high 90s, so 95-98%. But, to be fair, well that electricity didn't just grow on trees, it was produced by a power plant, it came through an electric grid, it was stored in a battery, all of those steps have their own efficiencies. But in all of those steps, those efficiencies are still actually really high, in the 90s. Even if you take power plants, 95 or whatever efficiency, and transmission grid 90-something efficiency, battery-efficiency, electrical energy - you add all that stuff together, you still come out ahead. An electric car is just far more efficient at using electricity to move you down the road. Even more efficient than something like a Prius, which is a single-minded car, single-mindedly focused on gasoline efficiency. That car is much less efficient than any electric car.

Ed: That's what's so interesting, because the Prius is really a pretty widespread car, and yet it's just a step along the way to a fully electric vehicle transportation system.

Chris: Yeah, the Prius is certainly a statement car. People want to show that they're trying to be more efficient and frugal but these electric cars have definitely taken on that mantle, and Toyota is coming along on their own cars to do electric vehicles, but honestly they really are married to the hybrid technology, they're really focused on that. That's where all their talent and their engineering and their intellectual property is, in that generation of hybrid technology. GM and Nissan have leapfrogged to the next generation, which is this electric vehicle and electric-vehicle-with-range-extend-er, in the case of GM.

Ed: The thing I think of is that the Chinese never made a propeller-driven airplane. They went straight to jets.

Chris: They went straight to jets, yep. GM looked at the situation a few years ago and said, "You know, we're not going to bother with trying to bring a hybrid car to market, we're just going to go do the next thing," and they actually did. GM actually did bring some hybrids to market but they really put all their eggs in this electric vehicle basket.

Ed: And you jumped in the water as soon as it was there to jump into.

Chris: Right. I did this because I've been curious about this, like lots of people that want to use less oil, and we're all aware of the geopolitics involved. I've had this mind for a very long time, ever since I started as an engineer in the 80s and 90s. We know these numbers, these gasoline engines just are not efficient and electric motors are. So we saw that but there just wasn't anything available. We had the whole electric vehicle wave of the 90s, that was driven by California mandates and that petered out. But this time around, I saw that it looked like it was really happening, and because I'm an electrical engineer, I knew that it was great technology, it was nothing to be afraid of at all, it was robust. The problems had been solved, it just seemed like I needed to get out there and be one of the early adopters. Normally I'm not an early adopter, I let other people do that, and I come along and sweep in afterwards. But in this case I thought, "You know what, I gotta do this," because I've got a skill set, I've got the background that tells me that this is killer technology.

Ed: I think the other thing that we talked about last year was that if you didn't get on the train right now it might be too crowded to get on for a couple of years.

Chris: Yeah and that seems to have played out. Back last year, there was kind of a horse race aspect to this. I realized that if I didn't get my order in early on, I might have to wait another two years to get one because everybody else would start to wake up and the line would fill up. It appears that these cars are basically still sold out for at least another

year. So, certainly out in California, you can go to your GM or Nissan dealer and get on a list. They've got a long list of people. They might get 10 cars this year and they've got 20, 30 people on the list, so you're not looking at a car this year. I went ahead and took the leap because I didn't want to wait another two years. I spent a little bit of savings to buy it and now I've become an evangelist.

Ed: One thing we talked about in the past is the pricing structure. The cost of these cars, and what appears to be a high cost to get into it, may be a deterrent, yet may not be quite so steep as it appears.

Chris: In the case of the Volt, it lists for \$41,000 which is a fairly steep price to pay for what is basically a compact car; however, there is a federal tax incentive right off the top that takes it down to about \$33,500. GM and Nissan saw that even with that tax incentive it still is kind of a heavy price to pay for a compact car, and they knew that there was a lot of new technology, and people would probably still balk at it, so both companies are offering subsidized leases. The lease on these cars is significantly cheaper than what you would expect to pay for a \$33,000 car, so they're subsidizing the lease to get the cars out on the road and start raising the profile of these cars. They figure that if they just get the cars on the road they'll sell themselves. All the people I talk to, they come around and see that it's very compelling.

Ed: Do you know whether those incentives both for purchase and lease are likely to continue, or-

Chris: We don't know. This is one of those "Inside Baseball" things where we discovered that the leases are only offered for short periods. They basically say, "For the next two months, we will offer this lease." And then at the end of the term they say, "Ok, we're going to offer it for another two months." And they're kind of dribbling it along, two months at a time, so there's no real commitment that you'll be able to lease the car next year at these rates. And we don't know if they're going to at some point say, "We've done enough, and we're just going to stop subsidizing the lease." Right now it's a lot of the early

adopters who place their orders hoping that they're going to be able to lease at the end, but they don't really know for sure, until they get their car, if the lease is really going to be available then. That is definitely some risk. If somebody can't lease they have to pay their round and look at financing, buying the car instead.

Ed: That leads right to what you're talking about: order backlogs and financing incentives, what's been happening with production.

Chris: Both GM and Nissan were [last fall] looking at starting their production lines very slowly, dribbling the cars out until they got comfortable with the process, got their employees and manufacturing lines, suppliers, everybody all lined up, and then they were gonna crank up the dial. That has definitely gone slower than expected. The Volt production has been producing a few hundred cars a month, and that was expected, but we were kind of expecting that by spring/summer that would have been ramped up to a few thousand, but that hasn't happened yet. They're still kind of dribbling them out. So we have something like 3,000 Volts and 3,000 Leafs out on the road and it's been about 6 months of production, so that's an average of 400, 500 a month. GM just last week announced that they're going to shut down their factory and re-tool and convert the line over to the 2012 model year, and then they will turn up the dial, and start producing one or two thousand a month, and then crank it up even harder. Next year they would be up at more like 5,000 units per month, so 60,000 for the year. Nissan has said pretty much the same thing; of course Nissan is trying to hit much higher numbers, they've talked about half a million Leafs - bigger global numbers than GM is aiming for, but the earthquake and the tsunami were a significant hit to the Japanese industry. It's not just Nissan, but they've got suppliers who are all over the country, so they kind of had to step back a little bit. But they're looking at producing 50,000 next year. So they're ramping up, but I think all of this is just running about four months or so behind schedule. But it is definitely happening. The take away still is that these cars are working as advertised. We're not seeing

stories about the cars failing, or horrible safety stories, or anything like that. The cars work great. My car has been absolutely perfect out of the gate, no quality problems at all. It really now is just a matter of GM and Nissan and Ford and all these companies getting these cars out on the road, because the cars sell themselves.

Ed: That's what's been so interesting, is you being out doing your volunteer evangelizing and the way that's got to stir up buyer interest.

Chris: There's a dealer here in Atlanta who purchased a Volt as a consumer. They're not allowed to sell it here locally, but they actually went up to New York, bought one and brought it down. They're doing that just to drum up interest for when they're available in Atlanta to be sold. In California, I think both the Nissan Leaf and the Volt are available although, like I said, you've got a line out the door for every dealer so you gotta get in line.

Ed: Have you had a drag race with the dealer-owned Volt yet?

Chris: No, but I am having fun drag racing other cars. I talked about the efficiency of the electric motor; it's also very powerful, and it's powerful not in the way a gasoline engine is. With a gasoline engine, let's say your car says it's 150 horsepower; well, you don't actually get 150 horsepower until you rev the engine up to a peak RPM - let's say 4, 5 thousand RPM - so that engine really has to be screaming to get 150 horsepower. Electric motors, they're quiet, first of all, but they have full torque at zero RPM. What that means to the user, is you put your right foot down, that car leaps off the line, takes off really fast. I've surprised so many muscle cars at traffic lights, and sometimes it's not even intentional, it's just, "Oh I need to go and get out in front of this car because I gotta change lanes or something," and these guys are usually pretty upset because they've got their big muscle car, and I'm teaching them what the teacher looks like.

Ed: Leaving them standing. That always seems so funny that you do get that full power off-the-line.

Chris: Yeah and just to quote some numbers, the Volt is zero to 60 in

8.5 seconds, which is not sports car low numbers, not fast, but it's also not like ten seconds. It's a respectable number. With a gas car, you bolt off the line but you don't really get going until you get to 30, 40 and then you're really starting accelerating. Electric cars are kind of the opposite, they really jump off the line and then at high speeds they kind of slow down a little bit.

Ed: Yeah your curve levels out more as you get up in it.

Chris: Again, I came to this whole thing less from the efficiency angle and more from the performance angle. These are really fun, high-performance cars.

Ed: One thing I wanted to ask you, because it came up in the winter, I think you'd written that you don't have the engine heat to travel into the driver's compartment to heat up your car in the winter - what's it like in the summer?

Chris: So far it's been fine. In the winter, as soon as I get in the car I turn on the heat and the heat comes out right away, because it's electric. Everything in the car has to be electric, because even though there is a gas engine in the car, I can't count on it running. So there's an electric heater, an electric fan, there's electric everything. And in the summer, the air conditioning is run by an electric motor, and an electric motor is running the compressor, so when you get in the car there's air conditioning coming out. It's been fine. We haven't quite hit the really awful Atlanta summer yet, so I'm still gonna find out in another month or two how it holds under 98 degree, 98% humidity Atlanta summer, which I'm sure you miss.

Ed: One of the reasons I live in Northern California is to avoid that summer, Chris!

Chris: Both the Leaf and the Volt have a data connection to the cell phone network, back to your phone, so in my phone I've got a little application, and I can remotely tell the car, over the data network, to precondition the cabin.

Ed: No!

Chris: Five minutes before I leave, I just tell it, "Hey, I'm coming, get

ready," and so it then spends five minutes while it's plugged in or even if it's not plugged in, pre-conditioning the cabin, heating it up if it's cold, or cooling it. So I get to my car and it's already very cooled.

Ed: Wow!

Chris: A killer app, it was great during the winter. It's going to be great during the summer.

Ed: That's amazing. Well, I wanted to ask you - you remarked on the president of Edmonds.com, the big automotive information website, basically spreading some disinformation about electric cars and their cost, their operational cost, and all that.

Chris: This is the story of my life in the last year. People will read a little bit about something, and then form some opinions or have some myths in their heads, and it just takes two minutes to explain why they got that wrong. I think what you're referring to, is there was an article in the press where the writer said, "Well, you're still gonna get electricity and you still gotta pay your electricity bill, and you're still polluting through the power plant," and that's true, your electricity bill is going to go up, and there is still pollution coming out of the power plants. Even if it's not coming out of your car, it's coming out of the power plant. But if you actually look at the numbers, the amount you pay on your bill goes up just a little bit and the amount of pollution that comes out of the power plant is far less than what would come out of your gasoline car's tailpipe. Even if you're comparing to a very efficient car like a Prius, that gets in the 30/40 miles per gallon. These electric cars are way more efficient, we're talking 2 times as efficient, 3 times, a fraction of the CO2 and other emissions, so you just have to sit them down and say, "Yes, that's true, there is a long-tail pipe involved, but if you actually look at the numbers, it's a slam dunk."

Ed: Have you run into skeptics that actually have anything to come back at you with?

Chris: No, my hardest problem is just getting people to listen for two minutes, because a lot of people are skeptical. Engineers, all sorts of people, they want to feel like they

know that there's a man behind the green curtain and there's some hidden thing there, and they're just looking for it. You just gotta have patience to say, "Ok, well, let's talk about that because this has actually been studied." And in the case of that pollution issue - the fact that there is still pollution coming out of tail pipes - there have been dozens of studies; in fact, it's gotten to the point where it's gone meta, and concluded that everybody is saying the same thing, that these cars are far more efficient than gasoline both in cost and in emissions.

Ed: Does that give you a little extra cred with yourself? I'm just intrigued by it all. It's got to have been a lot of fun this year and I know you're looking forward to more of the same.

Chris: Yeah, it's going to be more of the same, and finally these cars will start coming off the factory line in greater numbers. People are going to start seeing them a lot more around town, in California, all across the country. I'm still amazed, somebody will see my car and they'll ask me about it, but they won't have heard what a Chevy Volt is. I've already seen so much advertising and so much press I can't imagine that somebody would not know what

these cars are. But the truth is I've seen things differently than other people and it just hasn't made it to the mainstream yet, but after a couple years of this, it slowly dribbles out, and one by one you convert people over and show them that this is the future of transportation.

Ed: So what happens in 2 or 3 years when you're just another guy in a Volt?

Chris: Oh, then I go to the next thing.

Ed: Now the shuttle program's running out and your Volt will be just another car, what's next?

Chris: Well, when I made the decision to lease the Volt, a three-year lease actually worked perfectly for me because I've been planning all along to drive the Volt for three years, then in 2013, get something else that is a higher performance car. I said that I came to this from the performance side, and there's the Tesla Roadster which a lot of people have probably heard of - it's a super car, super car price. I can't afford a \$150,000 car but there are cars coming down the line, so by 2013 there is going to be, you know, a BMW 5 series kind of car. There's the Tesla Model S, Jaguar has the

Super Car, there's Volvo, there's a lot of cars coming down the pipe, so you're going to see a lot of choice in electric vehicles. You're not just going to have the two choices we have now, which is the Nissan Leaf and the Chevy Volt. There's going to be a lot more, so that's what I will move onto in a few years. At that point, it will be less evangelizing because I think a lot more people will have gotten through the basics and it'll become more of a commodity.

Ed: And then who minds being just another guy cruising on Sunday? Nobody minds being just another guy cruising on Sunday.

Chris: That's right. And the next thing I'm doing after this is solar power. In a couple years, I'm gonna move on to that. And in California, of course, you all have lots of solar electricity, but it's starting to become economically competitive to work here in Georgia.

Ed: That's what I said earlier, that friends have said, "I put in solar power on my house and I haven't gotten an electric bill in a year." There are few things more appealing than that.

Chris: Well the economics of that are tough or have been tough. What

they're not telling you is they've spent \$20,000 on that on that, and there's no way they're going to make that money back. But those numbers are coming down, so now instead of \$20,000 maybe it was \$10,000 or coming down to \$5,000, and there's some new technology in place that makes it possible to start small and grow, which hasn't really been possible. Before, you had to jump in with both feet and spend those five figures to put solar on your roof, but that's changed in the last two years.

Ed: I look forward to that and I look forward to seeing you out evangelizing on behalf of cleaner, cheaper power.

Chris: Absolutely.

Ed: Well I want to thank you for joining us today and sharing your Volt history with us. It's been fun to watch.

Chris: Thank you, Ed, it's been great talking to you again.

Ed Martin hosts "Cactus Corners" every other Saturday from 2-4pm

Wet Ink 2011



Simulcast on KDVS 90.3 Fm in
Davis and at kdvs.org
by Ed Martin

featuring
Third Angle Ensemble
....direct from Portland!

June 20, 7:30pm
Amaral Center - Nevada County Fairgrounds
call 265-6124 for tickets



Events Calendar

THU, 6/23 STAG HARE, SEVEN FEATHERS RAINWATER, PREGNANT, MUCKY THE DUCKY
Chillanova (802 Villanova, Davis) 7:30p.m.

FRI, 6/24 ART LESSING & FLOWER VATO , SAN KAZAKGASCAR
Luigis Fun Garden 8:30p.m.

SAT, 6/25 DAVIS MUSIC FESTIVAL
E St. Plaza, Little Prague, Sophia's, Odd Fellows Hall, Delta of Venus 5:00p.m.

SUN, 6/26 ARMADILLO MUSIC & KDVS RECORD SWAP
Natsoulas Gallery 521 First Street, Davis 9:00a.m.

MON, 6/27 OUTDOORSMEN , SQUIDZ , NACHO BUSINESS
13th & E House! 8:00p.m.

WED, 6/29 ALPS, MICHAEL BEACH, , ANDREW DIAMOND HENDERSON
Luigi's Fungarden 8:30p.m.

THU, 6/30 RUSSIAN TSARLAG, SECRET BOYFRIEND, SHV, MUCKY THE DUCKY, MBAQUA
The Chillanova House 7:00p.m.

FRI, 7/1 BUK BUK BIG-UPS, NIGHT NURSE, GARRINCHA & THE STOLEN ELK, A MAGIC WHISTLE
Worf's House from Next Gen 8:00p.m.

MON, 7/4 PAUL COLLINS' BEAT , THE CROISSANTS , TBA
Sol Collective (2574 21st Street, Sacramento) 8:30p.m.

TUE, 7/5 CJ BOYD, PSYCHIC HANDBOOK
DAM Haus 7:00p.m.

WED, 7/6 QUINTRON & MISS PUSSYCAT , JEFF THE BROTHERHOOD , TBA
Sol Collective 8:30p.m.

FRI, 7/8 CAULFIELD, ORDSTRO(SF), DI BRAVURA, STARES(SF)
The Goondocks, 1905 Lehigh Drive, Davis 7:00p.m.

SUN, 7/10 DEAD TO ME, OFF WITH THEIR HEADS, RIVERBOAT GAMBLERS, AND MORE
The Fire Escape (7431 Madison Avenue Citrus Heights, CA) 6:30p.m.

SAT, 7/16 GENERATIONALS , GARDENS , VILLA , HOSANNAS
Sophia's Thai Kitchen 9:00p.m.

SAT, 7/16 MATSURI, FATHER; LONESOME, IN DESPERATION, DI BRAVURA, SPEED OF SOUND
The Goondocks 7:00p.m.

WED, 7/27 FRESH & ONLYS, WOODS
Sol Collective 8:30p.m.

FRI, 7/29 UNNATURAL HELPERS , UZI RASH , TBA(S)
Charred Doghouse in Davis 7:30p.m.

SUN, 7/31 FUNGI GIRLS , G. GREEN , FINE STEPS , THE LOFTONS
Luigis Fun Garden 8:00p.m.

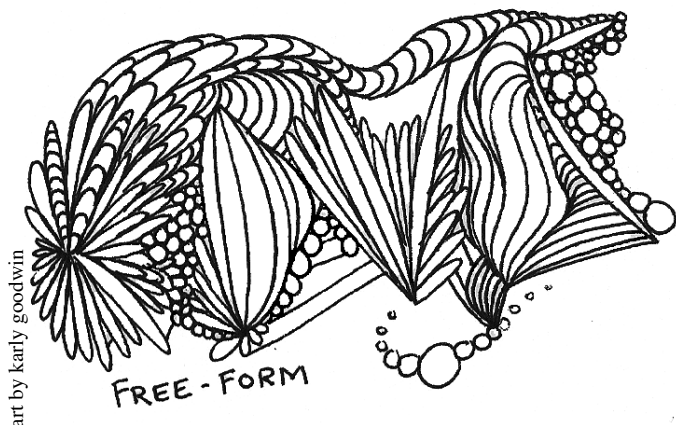
WED, 8/3 ORCA TEAM , BLACK HOLES, WHAT? , LIPS (DAN WHITE) , RITUAL WASTE
Luigis Fun Garden 8:00p.m.

01. Dum Dum Girls - "He Gets Me High" (Sub Pop)
02. Brown Recluse - "Evening Tapestry" (Slumberland)
03. Dan Melchior - "Assemblage Blues" (Siltbreeze)
04. Davila 666 - "Tan Bajo" (In The Red)
05. Brave Irene - "Brave Irene" (Slumberland)
06. Bibio - "Mind Bokeh" (Warp)
07. Papercuts - "Fading Parade" (Sub Pop)
08. Pains of Being Pure At Heart - "Belong" (Slumberland)
09. Dreamdate - "Melody Walk" (Tic Tac Totally)
10. Shannon and the Clams - "Sleep Talk" (1-2-3-4 GO!)
11. UV Race - "Homo" (In The Red)
12. Friends - "Friend Crush" (Lucky Number)
13. Darlings - "Warma" (Famous Class)
14. Acrylics - "Lives and Treasure" (Friendly Fire)
15. Crystal Stilts - "In Love With Oblivion" (Slumberland)
16. The Cave Singers - "No Witch" (Jagjaguwar)
17. The Dodos - "No Color" (Frenchkiss)
18. Swimsuit - "Dolphins" (Lifelike)
19. Hunx and His Punx - "Too Young To Be In Love" (Hardly Art)
20. Various Artists - "The Reconstruction of Fives" (nm5d)
21. Parts and Labor - "Constant Future" (Jagjaguwar)
22. Doug Hream Blunt - "Gentle Persuasion (Reissue)" (Unknown)
23. Antonionian - "Self-Titled" (Anticon)
24. Explosions in the Sky - "Take Care, Take Care, Take Care" (Temporary Residence)
25. Zac Nelson - "Wicked Work It Out" (Porter Records)
26. The Girls at Dawn - "Back to You b/w WCK" (Tic Tac Totally)
27. The Evolution Control Committee - "All Rights Reserved" (Seeland)
28. Andy Human - "Toy Man" (Tic Tac Totally)
29. Man the Hunter - "Less for You b/w Dance With Me" (Ginkgo)
30. How To Dress Well - "Love Remains" (Lefse Records)
31. Vivian Girls - "Share The Joy" (Polyvinyl)
32. The Sandwiches - "Mrs. Jones' Cookies" (Empty Cellar)
33. Dengue Fever - "Cannibal Courtship" (Concord Music Group)
34. Wax Idols - "All Too Human" (HoZac)
35. Loch Lomond - "Little Me Will Start A Storm" (Tender Loving Empire)
36. La Sera - "La Sera" (Hardly Art)
37. Webelos - "Shadow Seasons" (Self Released)
38. Starfucker - "Reptilians" (Polyvinyl)
39. Ear Pwr - "Ear Pwr" (Carpark)
40. B-Lines - "self-titled" (Deranged/Nominal)
41. DJ Big Joe Daddy - "Demo" (Self-Released)
42. The Zeros - "Main Street Brat b/w Handgrenade Heart" (Last Laugh)
43. Two Tears - "Eat People" (Kind Turkey Records)
44. Tony Green - "Expression" (Upstairs Music)
45. 10 Ft Ganja Plant - "10 Deadly Shots" (Roir)

spring quarter top 90.3



46. Weird TV - "Sufir" (Perennial)
47. Heavy Times - "Dead" (Rotted Tooth)
48. Boat - "Dress Like Your Idols" (Magic Marker)
49. Beach Fossil - "What A Pleasure" (Captured Tracks)
50. Chikita Violenta - "TRE3S" (Arts & Crafts)
51. Does It Offend You, Yeah? - "Don't Say We Didn't Warn You" (Cooking Vinyl)
52. Rollin Hunt - "Criminal" (Moniker)
53. Prefuse 73 - "The Only She Chapters" (Warp)
54. The Mantles - "Raspberry Thighs" (SDZ)
55. Crappy Dracula - "Fantastic Dracula" (Eeefin'/Wrong Foot)
56. Colin Stetson - "New History Warfare Vol. 2: Judges" (Constellation)
57. White Fence - "Is Growing Faith" (Woodsist)
58. The Luyas - "Too Beautiful to Work" (Dead Oceans)
59. Tyvek - "Euro Tour 7-inch" (Les Disques Steak)
60. Asobi Seksu - "Fluorescence" (Polyvinyl)
61. Computer Magic - "Electronic Fences EP" (White Iris)
62. Apache Dropout - "self-titled" (Family Vineyard)
63. Dow Jones & the Industrials - "Can't Stand the Midwest" (Family Vineyard)
64. World History - "You Can't Stop Trying" (Self-Released)
65. The Babies - "Ride Wild, Mild Child" (Shrimper)
66. Cosmonauts - "self-titled" (Permanent)
67. Rainbow Arabia - "Boys And Diamonds" (Kompakt)
68. The People's Temple - "Sons of Stone" (HoZac)
69. Givers - "In Light" (Glassnote)
70. The Shrapnelles - "Asscalibur" (HoZac)
71. Imaginary Cities - "Temporary Resident" (Hidden Pony Records)
72. The Pheromoans - "It Still Ranks" (Convulsive)
73. Fergus & Geronimo - "Unlearn" (Hardly Art)
74. Orange Juice - "...Coals to Newcastle" (Domino)
75. Darlene Love - "The Sound of Love" (Legacy)
76. Tony Castles - "No Service" (Famous Class)
77. Delicate Steve - "Wondervisions" (Luaka Bop)
78. Bob Marley - "Live Forever Stanley Theater" (Island Records)
79. Xex - "Group: Xex" (Dark Entries)
80. Joseph Elliott - "Rescue Me" (Bad Step Music)
81. T With The Maggies - "T With The Maggies" (Compass Records)
82. Meercaz - "Space Hate" (Tic Tac Totally)
83. Julianna Barwick - "The Magic Place" (Asthmatic Kitty Records)
84. Kurt Vile - "Smoke Ring For My Halo" (Matador Records)
85. Stateless - "Matilda" (Ninja Tune)
86. Bikini - "RIP JDS" (Lefse Records)
87. The People's Temple - "Sons of Stone" (HoZac)
88. Zig Zags - "2nd demo" (No Label)
89. Gun Outfit - "High Places" (Make a Mess)
90. The Megaphonic Thrift - "Decay Decoy" (Sonic Unyon)
- 90.3 Soft Kill - "An Open Door" (Fast Weapons)



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